UNITED STATES AIR FORCE

Committee Staff Procurement Backup Book

FY 2001 Amended Budget Request

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February 2000

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AIRCRAFT PROCUREMENT, AIR FORCE VOLUME I OPR: SAF/FMB

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TACTICAL FORCES

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FY 2001 AMENDED BUDGET REQUEST

FEBRUARY 2000

SECTION 1:

APPROPRIATION LANGUAGE

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AIRCRAFT PROCUREMENT AIR FORCE

purposes, and such lands and interests therein, may be acquired, and construction prosecuted thereon prior to approval of title; reserve plant and Government and contractor-owned equipment layaway; and other therefor; specialized equipment; expansion of public and private plants, Government-owned equipment and installation thereof in such plants, erection of structures, and acquisition of land, for the forgoing expenses necessary for the foregoing purposes including rents and transportation of things; to remain armament, specialized ground handling equipment and training devices, spare parts, and accessories For construction, procurement, and modification of aircraft and equipment, including armor and available for obligation until September 30.

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FY 2001 AMENDED BUDGET REQUEST

FEBRUARY 2000

SECTION 2:

GLOSSARY/ORGANIZATIONS/TERMS

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GLOSSARY OF ACRONYMS

ACTD - Advanced Concept Technology Demonstration

AGM - Air-to-Ground Missile

AIM - Air Intercept Missile

AIS - Avionics Intermediate Shop

ACMI - Aircraft Combat Maneuvering Instrumentation

AMRAAM - Advanced Medium-Range Air-to-Air Missile

AUTODIN - Automated Digital Network

AWACS - Airborne Warning and Control System

BLSS - Base Level Self-Sufficiency Spares

BY - Budget Year

C3 - Command, Control, and Communication System

CFE - Contractor Furnished Equipment

CONOPS - Concept of Operation

CONUS - Continental United States

CPMS - Comprehensive Power Management System

CPT - Cockpit Procedures Trainer

CRA - Continuing Resolution Authority

CTS - Countermeasures Test Set

CY - Current Year

DDTE - Design, Development, Test and Evaluation

ECCM - Electronic Counter Counter Measures

ECM - Electronic Counter Measures

ECO - Engineering Change Orders

EOQ - Economic Order Quantity ECP - Engineering Change Proposal

EGPWS - Enhance Ground Proximity Warning System

EPA - Economic Price Adjustment

r

EW - Electronic Warfare

EWAISP - Electronic Warfare Avionics Integration Support Facility

FLIR - Forward Looking Infra Red

FOT&E - Follow-on Test and Evaluation

FOC - Fully Operational Capability

FLTS - Flight Line Test Set

FPIF - Fixed Price Incentive Firm

FPIS - Fixed Price Incentive Fee, Successive Targets

GANS - Global Access Navigation & Safety

GATM - Global Air Traffic Management

GFE - Government Furnished Equipment

GSE - Ground Support Equipment GPS - Global Positioning System

IOC - Initial Operating Capability

IPE - Increased Performance Engine

JPALS - Joint Precision Approach and Landing System

LANTIRN - Low Altitude Navigation and Targeting Infra Red System for Night

METS - Mobile Electronic Test Stations

MYP - Multiyear Procurement

MSIP - Multi-Stage Improvement Program

NAVWAR - Navigation Warfare

NMC Rate - Not Mission Capable Rate

OFP - Operational Flight Program

OT&E - Operational Test and Evaluation

OWRM - Other War Reserve Material

PAGEL - Priced Aerospace Ground Equipment List

PB - President's Budget

PGSE - Peculiar Ground Support Equipment

PMC - Procurement Method Code

PR - Purchase Request

PTT - Part Task Trainer

 ∞

PY - Prior Year

R&M - Reliability and Maintainability

RAA - Required Asset Availability

RDT&E - Research, Development, Test and Evaluation

RVSM - Reduced Veriticle Separation Minimum

RWR - Radar Warning Receiver

ROM - Rough Order of Magnitude

SAM - Surface-to-Air Missile

SS - Sole Source

SOF - Special Operation Force

TAF - Tactical Air Force

TCAS - Traffic Collision Alert and Avoidance System

TEWS - Tactical Electronic Warfare System

TISS - TEWS Intermediate Support System

TOA - Total Obligation Authority

WMP - War Mobilization Plan

WRM - War Reserve Material

UAV - Unmanned Aerial Vehicle WST - Weapon System Trainer

UHF - Ultra High Frequency

USA - United States of America

VHSIC - Very High Speed Integrated Circuit

ORGANIZATIONS

ACC - Air Combat Command
AFMC - Air Force Material Command
ALC - Air Logistics Center
ASC - Aeronautical Systems Center
ATC - Air Training Command
FAA - Federal Aviation Administration
NATO - North Atlantic Treaty Organization
OSD - Office of the Secretary of Defense
PACAF - Pacific Air Forces
USAFE - United States Air Forces Europe

TERMS

Advanced Buy - Obligating fund for longlead material/component is advance of the fiscal year the end item is authorized and procurement starts

Avionics - Electronic equipment on-board aircraft

Boresight - An optical reference line used in harmonizing guns, rockets on other weapon launchers

Chaff Flare - Radar and infrared countermeasures

Depot - Wholesale level repair and supply point

Drone - An object used for target practice

Fly by wire - Full authority electronic flight control system

Ground Clutter - Objects on the ground which cause distorted or misleading radar readings

Interdiction - Operational term for behind the front line bombing

Inter theater - Global

Intratheater - Within given area

Mobilization - The ability to move war-fighting equipment from one place to another

Multi Stage Improvement Program - A phased program for upgrading the F-15 and F-16

Off the Shelf - Commercially available equipment

Pipeline Standards - The expected average time it takes for a component to be removed from the aircraft, repaired and returned for use in serviceable condition

Prototype - A working model transforming a developmental idea into reality

Provisioning - The process of determining and contracting for spare parts required to support new production

systems for the initial support period

Pylon - Munitions adapter

Readiness - Ability to go to war and support initial deployment

Robotics - Automated manufacturing technique

Ξ

S-Band - Radio frequency spectrums from 1550 to 3900 MHZ

Solicitation - The process of requesting proposals from private industry for goods and services required by the government

Surge - The period of time between normal operations and increased operations Sustainability - Ability to sustain wartime combat rates after initial surge Target - See Drone

FY 2001 AMENDED BUDGET REQUEST

FEBRUARY 2000

SECTION 3:

3010F AIRCRAFT, EXHIBIT P-1

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DEPARTMENT OF THE AIR FORCE

FY 2001 PROCUREMENT PROGRAM

SUMMARY (\$ IN MILLIONS)	RY .ilons)		FEB 2000
APPROPRIATION	FY 1999	FY 2000	FY 2001
AIRCRAFT PROCUREMENT, AIR FORCE	8,235.2	8,606.5	9,539.6
PROCUREMENT OF AMMUNITION, AIR FORCE	411.4	583.8	638.8
MISSILE PROCUREMENT, AIR FORCE	2,091.4	2,200.1	3,061.7
OTHER PROCUREMENT, AIR FORCE	7,470.6	7,221.4	7,699.1
TOTAL DEPARTMENT OF THE AIR FORCE	18,208.7	18,611.7	20,939.3

DEPARTMENT OF THE AIR FORCE

FY 2001 PROCUREMENT PROGRAM

FEB 2000

DUMMARI	IN MILLIONS)
	35

AIR FORCE
AIR
PROCUREMENT,
AIRCRAFT
APPROPRIATION:

	ACTIVITY	FY 1999	FY 2000	FY 2001
01.	01. COMBAT AIRCRAFT	806.2	834.2	2,546.1
02.	02. AIRLIFT AIRCRAFT	3,067.5	3,488.3	3,099.0
03.	03. TRAINER AIRCRAFT	108.2	111.4	113.8
04.	04. OTHER AIRCRAFT	982.3	555.1	703.5
05.	05. MODIFICATION OF INSERVICE AIRCRAFT	1,774.2	2,182.3	1,875.4
. 90	06. AIRCRAFT SPARES AND REPAIR PARTS	512.9	441.2	356.9
07.	07. AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES	983.9	993.9	844.9
	TOTAL AIRCRAFT PROCUREMENT, AIR FORCE	8,235.2	8,606.5	9,539.6

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DEPARTMENT OF THE AIR FORCE FY 2001 PROCUREMENT PROGRAM

EXHIBIT P-1

DATE: FEB 2000

FORCE
AIR
PROCUREMENT,
AIRCRAFT
3010E
APPROPRIATION:

COST C			128.6) U 278.8) U	149.9	396.2 U	396.2)	(24.3) U -24.3) U		Þ	(23.3) U -23.3) U	; ; ;	Þ	! ! !	2,546.1
FY 200 QUANTITY			10 (2,4	2,3	''	ü	٠	i i			1			7,
2000 COST			(202.1) (-198.7)	3.4	277.1		(267.3)	267.3	24.3 (24.3)	(238.9)	238.9	23.3	(23.3)	834.2
FY QUANTITY							ហ			10				
1999 COST			(644.3) (-71.5)	572.8	197.2 (197.2)		(11.0)	! ! ! !		(26.6)	26.6	9.6	(9.6)	806.2
FY QUANTITY			74							1				
CODE			4				A			A				
NE ITEM NOMENCLATURE	DGET ACTIVITY 01: COMBAT AIRCRAFT	FACTICAL FORCES	1 F-22 RAPTOR LESS: ADVANCE PROCUREMENT (PY)		ย		3 F-15A LESS: ADVANCE PROCUREMENT (PY)		4 F-15A ADVANCE PROCUREMENT (CY) (FY 2000 FOR FY 2001) (MEMO)	5 F-16 C/D (MYP) LESS: ADVANCE PROCUREMENT (PY)				TOTAL COMBAT AIRCRAFT
	IDENT FY 1999 FY 2000 FY 2001 CODE QUANTITY COST QUANTITY COST	ITEM NOMENCLATURE CODE QUANTITY COST QUANTITY COST QUANTITY COST QUANTITY COST QUANTITY COST QUANTITY COST GOST GOST QUANTITY COST GOST GOST GOST GOST GOST GOST GOST G	IDENT FY 1999 FY 2000 FY 2001 CODE QUANTITY COST QUANTITY COST QUANTITY COST ST ACTIVITY 01: COMBAT AIRCRAFT FICAL FORCES	IDENT FY 1999 FY 2000 FY 2001	TIEM NOMENCLATURE CODE QUANTITY COST COST	ITEM NOMENCLATURE CODE QUANTITY COST QUANTITY COST QUANTITY COST QUANTITY COST QUANTITY COST QUANTITY COST COST QUANTITY COST C	TIEM NOMENCLATURE CODB QUANTITY COST C	TIEM NOMENCLATURE CODE QUANTITY COST Q	TIEM NOMENCIATURE CODE QUANTITY COST COST QUANTITY COST CO	TIEM NOMENCIATURE CODE QUANTITY COST CO	TIEM NOMENCLATURE CODE QUANTITY COST QUANTITY COST COST	TIEM NOMENCIATURE CODE QUANTITY COST QUANTITY QUANTIT	TIER NOMENCLATURE CODE QUANTITY COST QUANTITY COST QUANTITY COST QUANTITY COST QUANTITY COST COMBAT AIRCRAFT CODE QUANTITY COST COMBAT AIRCRAFT COST COMBAT AIRCRAFT COST COST	TIERN NOMENCLANURE CODE QUANTITY COST CONTINUE CODE CODE QUANTITY COST CONTINUE CODE CODE CONTINUE COST C

DEPARTMENT OF THE AIR FORCE FY 2001 PROCUREMENT PROGRAM

APPROPRIATION: 3010F AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P-1 DATE: FEB 2000

APPROPRIATION: 3010F AIRCRAFT FRUCUREMENT, AIR FURCE	I, ALK	OKCE				DATE	DAIE: FED 2000	3
			-	MILLIONS OF DOLLARS	OF DOLLAR	ro		
LINE NO ITEM NOMENCLATURE	CODE	FY	FY 1999 TY COST	FY QUANTITY	FY 2000 TY COST	FY QUANTITY	FY 2001	n M Ci
BUDGET ACTIVITY 02: AIRLIFT AIRCRAFT								
TACTICAL AIRLIFT								
7 C-17 (MYP)	Д	13	(2,897.6)	15	(3,030.5)	12 ((2,555.2)	Þ
LESS: ADVANCE PROCUREMENT (PY)			(-327.2)		(-359.5)		(-343.3)	
			2,570.4		2,671.0		2,211.9	
REMENT (C			302.6		287.3		266.8	Þ
(FY 1999 FOR FY 2000) (MEMO) (FY 2000 FOR FY 2001) (MEMO) (FY 2001 FOR FY 2002) (MEMO)			(302.6)		(287.3)		(266.8)	
9 C-17 ICS	Д				396.6		412.2	Þ
OTHER AIRLIFT								
10 WC-130	A	н	74.5					Þ
11 EC-130J	A	1	83.9	ч	87.1			Þ
12 С-130Н	A		7.0					D
13 C-130J	A		29.1		46.4	N	208.1	D
TOTAL AIRLIFT AIRCRAFT			3,067.5		3,488.3		3,099.0	
BUDGET ACTIVITY 03: TRAINER AIRCRAFT								
OPERATIONAL TRAINERS								
14 JPATS	Ø	22	108.2	29	111.4	27	113.8	Þ
TOTAL TRAINER AIRCRAFT			108.2		111.4		113.8	

DEPARTMENT OF THE AIR FORCE FY 2001 PROCUREMENT PROGRAM

APPROPRIATION: 3010F AIRCRAFT PROCUREMENT, AIR FORCE

DATE: FEB 2000

EXHIBIT P-1

MILLIONS OF DOLLARS

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긺								1
BUDGET ACTIVITY 04: OTHER AIRCRAFT	CRAFT							
HELICOPTERS								
15 V-22 OSPREY LESS: ADVANCE PROCUREMENT (PY)	A (PY)		(22.0)		(21.8)	4	(355.7)	ÞÞ
			22.0		21.8		335.8	
16 V-22 OSPREY ADVANCE PROCUREMENT (CY) (FY 2000 FOR FY 2001) (MEMO) (FY 2001 FOR FY 2002) (MEMO)	(O)				19.9 (19.9)		27.2	Þ
MISSION SUPPORT AIRCRAFT								
17 SMALL VCX	K	4	159.8					Þ
18 C-32A	K	71	158.9					Þ
19 C-32B FEST/DEST AIRCRAFT	K			г	73.0			Þ
20 CIVIL AIR PATROL A/C	K	27	3.0	27	2.5	27	2.5	Þ
21 OPERATIONAL SUPPORT AIRCRAFT	FT A			1	61.8			Þ
OTHER AIRCRAFT								
22 TARGET DRONES	K				31.3		32.9	D
23 E-8C LESS: ADVANCE PROCUREMENT (PY)	A (PY)	71	(491.3) (-18.0)	н	(265.0)	1	(296.3)	ÞЪ
			473.3		226.3		260.6	
24 E-8C ADVANCE PROCUREMENT (CY) (FY 1999 FOR FY 2000) (MEMO) (FY 2000 FOR FY 2001) (MEMO)	(O)		35.6 (35.6)		35.7			Þ
25 E-8C ICS	A				25.6			Þ
26 HAEUAV	Ø.						22.4	Þ

DEPARTMENT OF THE AIR FORCE FY 2001 PROCUREMENT PROGRAM

EXHIBIT P-1

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FEB	
DATE:	
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3010F AIRCRAFT PROCUREMENT, AIR FORCE	
AIRCRAFT	
3010F	
APPROPRIATION:	

DATE: FEB 2000	t
	MILLIONS OF DOLLLARS
IR FORCE	
TION: 3010F AIRCRAFT PROCUREMENT, AIR FORCE	
AIRCRAFT	
3010F	
TION:	

LINE		IDENT		1999	FY	FY 2000		FY 2001	o M	
읾	ITEM NOMENCLATURE	URE	QUANTITY CO	COST	QUANTITY	COST	QUANTITY	COST	UI	
27 PRED	27 PREDATOR UAV	4	7	129.8	7	57.1	7	22.1	Þ	
TOTAL OT	TOTAL OTHER AIRCRAFT			982.3		555.1		703.5		
BUDGET A	BUDGET ACTIVITY 05: MOD	MODIFICATION OF INSERVICE AIRCRAFT	AIRCRAFT							
STRATEG	STRATEGIC AIRCRAFT									
28 B-2A		A		14.3		19.8		21.7	Þ	
29 B-1B		K		82.9		125.5		48.8	D	
30 B-52		A		47.5		24.6		8.4	Þ	
31 F-117	7	A		28.5		37.2		32.0	Þ	
TACTICA	TACTICAL AIRCRAFT									
32 A-10		A		28.3		27.1		33.9	Þ	
33 F-15		A		233.8		308.9		258.2	Þ	
34 F-16		A		256.4		283.1		248.8	Þ	
35 T/AT-37	-37	A		г.		ਜ਼		.1	Þ	
AIRLIFT	AIRLIFT AIRCRAFT									
36 C-5		A		82.6		77.6		95.4	n	
37 C-9		A		14.2		15.1		3.3	D	
38 C-17A	Ą	A		51.3		95.0		97.1	Þ	
39 C-21		A		47.2		9.3		1.9	Þ	
40 C-22		R		.5		2.			D	
41 C-32A	.A	A				ų.		23.6	D	
42 C-37A	A	A				4.		4.	Þ	
43 C-141	Ę.	A		32.8		10.8		.7	Þ	

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DEPARTMENT OF THE AIR FORCE FY 2001 PROCUREMENT PROGRAM

EXHIBIT P-1

DATE: FEB 2000

MILLIONS OF DOLLARS

APPROPRIATION: 3010F AIRCRAFT PROCUREMENT, AIR FORCE

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LINE	ITEM NOMENCLATURE	IDENT CODE QUANTI	FY 1999 QUANTITY COST	FY 2000 QUANTITY COST	FY 2001 QUANTITY COST	MOI	
TRAINER	TRAINER AIRCRAFT						
44 T-1		Ą	7.5	*		Þ	
45 T-3	45 T-3 (EFS) AIRCRAFT	ø	г.	2.2	1.9	Þ	
46 T-38		æ	25.1	44.0	120.5	Þ	
47 T-41	47 T-41 AIRCRAFT	æ	.1	ι.	.	Þ	
48 T-43		Æ	5.7	7.	6.4	Þ	
OTHER A	OTHER AIRCRAFT						
49 KC-1	49 KC-10A (ATCA)	A	38.3	38.6	55.4	Þ	
50 C-12	61	¥	2.8	6.3	1.5	Þ	
51 C-18		A	4.	.3	ε.	Þ	
52 C-20 MODS) MODS	A	6.5	5.4	5.2	Þ	
53 VC-25A MOD	25A MOD	A	7.3	1.6	τ.	Þ	
54 C-130	30	Æ	116.0	167.0	91.5	D S	
55 C-135	35	Ą	290.4	446.6	328.2	Þ	
56 DARP	p.	Ą	137.2	234.4	165.5	Þ	
57 E-3		¥	112.8	104.3	88.7	D /	
58 E-4		A	11.0	15.0	31.6	Þ	
59 E-8		¥	43.5	28.3	33.4	Þ	
60 H-1		4	1.8	.3	ν. κ	Þ	
09-Н 19	6	Ą	21.2	15.2	23.6	D S	
62 OTHE	62 OTHER AIRCRAFT	4	15.9	20.1	28.2	D S	
63 PREI	63 PREDATOR MODS	A	3.4			Þ	

DEPARTMENT OF THE AIR FORCE FY 2001 PROCUREMENT PROGRAM

EXHIBIT P-1 APPROPRIATION: 3010F AIRCRAFT PROCUREMENT, AIR FORCE

DATE: FEB 2000

			~	MILLIONS OF DOLLARS	ARS		t
LINE	ITEM NOMENCLATURE	IDENT FY CODE QUANTITY	FY 1999	FY 2000 QUANTITY COST	FY 2001	COST	וטואמ
OTHER MO	OTHER MODIFICATIONS						
64 CLASS	64 CLASSIFIED PROJECTS	K	7.2	9.3		16.7	Þ
TOTAL MOD	TOTAL MODIFICATION OF INSERVICE AIRCRAFT		1,774.2	2,182.3		1,875.4	
BUDGET AC	BUDGET ACTIVITY 06: AIRCRAFT SPARES AND REPAIR PARTS	REPAIR PARTS					
AIRCRAFT	AIRCRAFT SPARES + REPAIR PARTS						
65 SPARE	65 SPARES AND REPAIR PARTS	Ą	512.9	441.2	7	356.9	Þ
TOTAL AIR	TOTAL AIRCRAFT SPARES AND REPAIR PARTS		512.9	441.2	. 0	356.9	
BUDGET AC	BUDGET ACTIVITY 07: AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES	IPMENT AND FAC	ILITIES				
COMMON S	COMMON SUPPORT EQUIPMENT						
66 AIRCR	66 AIRCRAFT SUPPORT EQ & FACILITIES	ď	156.1	175.4	4	177.9	Þ
POST PRO	POST PRODUCTION SUPPORT						
67 A-10		Ą	11.0	8.1	1		Þ
68 B-2A		Ø	243.4	65.9	6	18.6	Þ
69 B-2B		æ		46.5	ស	42.7	D
70 C-5		Ø	27.7				Þ
71 C-130		æ				1.4	Þ
72 E-4		æ				1.5	D
73 F-15	F-15 POST PRODUCTION SUPPORT	⋖	6.9	7.2	8	7.3	Þ
74 F-16	74 F-16 POST PRODUCTION SUPPORT	æ	36.6	43.9	6	25.5	Þ
INDUSTRI	INDUSTRIAL PREPAREDNESS						
75 INDUS	75 INDUSTRIAL PREPAREDNESS	Ø	18.5	24.3	ю	25.4	Þ
WAR CONSUMABLES	UMABLES						
76 WAR (76 WAR CONSUMABLES	Þ	74.6	112.3	æ	43.0	D

UNCLASSIFIED

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DEPARTMENT OF THE AIR FORCE FY 2001 PROCUREMENT PROGRAM

APPROPRIATION: 3010F AIRCRAFT PROCUREMENT, AIR FORCE

EXHIBIT P-1

DATE: FEB 2000

				_	MILLIONS OF DOLLARS	DOLLAR	τa		t	
LINE	ITEM NOMENCLATURE	CODE	FY 1999 QUANTITY CC	PSOST COST	FY 2000 QUANTITY CC	COST	FY 2001 QUANTITY C	COST	n M OI	
OTHER PR	OTHER PRODUCTION CHARGES									
77 MISC	77 MISC PRODUCTION CHARGES	ď		249.7		370.8		398.5	Þ	
COMMON E	COMMON ECM EQUIPMENT									
78 COMMC	78 COMMON ECM EQUIPMENT	Ą		11.7		11.7		4.8	Þ	
OTHER PA	OTHER PRODUCTION CHARGES - SOF									
79 CANCE	79 CANCELLED ACCOUNT PY ADJUSTMENTS	æ		7.8					D	
DARP										
80 DARP				140.0		128.0		98.4	D	
TOTAL AIR	TOTAL AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES	LITIES	•	983.9	•	993.9	•	844.9		
TOTAL AIS	TOTAL AIRCRAFT PROCUREMENT, AIR FORCE		100	8,235.2	1 60	8,606.5	· vn	9,539.6		

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FY 2001 AMENDED BUDGET REQUEST

FEBRUARY 2000

SECTION 4:

P-1 LINE ITEM DETAIL

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FY 01 AMENDED BUDGET REQUEST BUDGET ACTIVITY 01 – COMBAT AIRCRAFT FEBRUARY 2000

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Exhibit P-40, Budget Item Justification	Justification								Date: February 2000	uary 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Numbe	S/BA/BSA/Item	Control Numbe	_					P-1 Line Item Nomenclature	Nomenclature		
Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 01	Air Force	, Budget	Activity 0	1, Comba	ıt Aircraft	, Item No		F-22 (Raptor)	tor)		
Program Element for Code B Items:	tems:	N/A			Other Relate	Other Related Program Elements:	ements:				
	ID Code	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Comp	Total
Proc Qty	A		2		10	16	24	36	36	500	333
Cost (\$ M)			572.795		2149.882	2632.648	3327.500	3715.363	3319.129	17762.760	33480.077
Advance Proc Cost (\$ M)		80.772	197.200	277.094	396.222	379.159	985.589	251.874	246.017	0.000	2813.927
Weapon System Cost (\$ M)		80.772	769.995	277.094	2546.104	3011.807	4313.089	3967.237	3565.146	3565.146 17762.760	36294.004
Initial Spares (\$ M)			24.937	0.000	000'0	0.000	0000	000.0	000'0	0.000	24.937
Total Proc Cost (\$ M)		80.772	794.932	277.094	2546.104	3011.807	4313.089	3967.237	3565.146	17762.760	36318.941
Flyaway Unit Cost (\$ M)			316.850	0000	200.301	163.249	131.544	98.959	85.632	77.132	94.347
Wpn Sys Unit Cost (\$ M)			397.466	0.000	254.610	188.238	179.712	110.201	101.560	84.989	109.066

Description

worldwide threats. The F-22 is designed to penetrate enemy airspace and achieve a first-look, first-kill capability against multiple targets. The F-22 is characterized by a low-observable highly maneuverable airframe, advanced integrated avionics, and a new engine of supersonic cruise without the use of afterburner. A total of 333 F-22 The F-22 program is developing the next generation multi-mission air superiority fighter for introduction in the early 21st century to counter emerging proliferation aircraft will be produced.

Initial spares are included in the weapon system cost line (except FY99). The F-22 program will not separately budget or contract for inital spares, rather, under interim supply support (ISS) the contractor will provide spares as a service. The F-22 program intends to award a single overarching contract for all initial operational support as part of the Reengineered Supply Support Pilot Program (RSSP). The Budget Program (BP) 10. The contractor will provide all spare parts as a service under this contract to achieve an agreed to mission capability rate. To partially fund this 'spares as a service' concept, referred to as Interim Supply Support (ISS), the funding previously identified for initial spares beginning in FY 2000 has been transferred in total to the weapon system procurement line. Following the implementation of this support concept, the first contract will be awarded in FY 2000, the amount of initial single contract will incorporate all supply support requirements, including all spare parts support, into a single cost per flying hour charge to be funded initially within spares will not be separately priced or provided to the Air Force.

FY 2001 Program Justification

Procure 10 Low Rate Initial Production (LRIP) aircraft and associated support and Advance Procurement to fund procurement of long-lead parts and materials necessary to protect the delivery schedule of the FY 02 buy (16 aircraft).

Budget Item Justification	Exhibit P-40, page 1 of 10	
P-1 Shopping List Item No. 01		

Exhibit P.5 Weapon System Cost Analysis								Date: February 2000	lary 2000	
the Contraction (Trees, Colors of Co	Ni Mahar						P-1 I ine Item Nomenclature	Jomendature		
Appropriation (Treasury) code/Cybaybozytien Control Number Aircraft Procurement, Air Force, Budget A	U -	ctivity 01	Activity 01, Combat Aircraft, Item No. 01	: Aircraft,	Item No.		F-22 (Raptor)	tor)		
Manufacturer's Name/Plant City/State Location				Subline Item						
Weapon System	Ident				Total Cos	Total Cost In Millions of Dollars	of Dollars			
Cost Elements	Code		FY 1999			FY 2000			FY 2001	
		į	1 1 1	Total	į	112.20	Total	:,-	Tluit Cont	Total
A :	<	Ćģ.	Unit Cost	201 800	È)	Unit Cost	Cost	ران 10	120 811	1208 110
Autrames/CrE Froine/Accessories (shinset)	4	2 2	33.500	67.000				10	21.784	217.839
Avionics	A	2	57.400	114.800				10	42.068	420.675
Nonrecurring Costs	Ą			60.100						156.410
Less: Prior Year Adv Procurement	A			-71.474						-278.755
FLYAWAY COST SUBTOTAL	٧			562.226						1724.279
Other	A			4.955						18.462
Air Vehicle Support	Ą			1.598						315.852
Engine Support	A			4.016						91.288
Interim Supply Support	Α									
Publications/Technical Data	Α									
ECOs	Α									
Other	Α									
Subtotal Support Costs	Α			10.569						425.602
TOTAL PROGRAM				572.795						2149.881
Comments										
		-								
			P-1 Shopping List Item No. 01	a List Item N	0.01			Weapon	Weapon System Cost Analysis	st Analysis
) i	; ;			Û	Exhibit P-5, page 2 of 10	age 2 of 10
			1.00							

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Exhibit P.5A Procurement History and Planning	Histor	v and Pla	nnina					٥	Date: February 2000	iry 2000	
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Weapon System					Subline Item						
F-22											
			Location of	ssue	Contract	Contract			Date of First	Specs Available	Date Revisions
WBS Cost Elements	Qty	Unit Cost PCO	PCO		Method	Type	Contractor and Location	٦	7	Now?	Available?
Lockheed Martin Corp	2	253.300	ASC/YF	Jan-98	SS	FFP	Lockheed Martin	Dec-98	Nov-01	Yes	
I nothed Mortin Com	=		167 879 ASC/VE	Mar-99	88	FFP	Lockheed Martin	Dec-00	Feb-03	Yes	
Lockheed Martin Corp	191		131.658 ASC/YF		SS	FFP	Lockheed Martin	Dec-01	╁	Yes	
J.		┺									
Pratt & Whitney	4	16.625	16.625 ASC/YF	Dec-97	SS	FFP	Pratt & Whitney	Dec-98	Jan-01	Yes	
							5	4	\dashv	į	
Pratt & Whitney	20		10.892 ASC/YF		SS	FFP	Pratt & Whitney	Dec-00	\dashv	Yes	
Pratt & Whitney	32	10.144	10.144 ASC/YF	Jan-01	SS	FFP	Pratt & Whitney	Dec-01	May-03	Yes	
Domorke											
Unit cost for the engine differs from the P-5 because the P-5 uses the aircraft qty to determine unit cost and the P-5A uses the engine qty.	from th	e P-5 becau	use the P-5 use	s the aircra	ft qty to deten	mine unit cost	and the P-5A uses the	engine qty.			
Unit cost does not include non-recurring cost.	recurri	ng cost.			i i						
Specs are available, however, the technical data package is	re tech	nical data p	ackage is a 'de	ferred deliv	ery' option an	d is currently	a 'deferred delivery' option and is currently maintained by the contractor.	ractor.			
-				i.	1 Shopping	P-1 Snopping List Item No. U1	5	5	Procurement History and Planning Exhibit P-5A nade 3 of 10	hent History and Planning Exhibit P-5A nade 3 of 10	r Planning
										20, 120	30.00
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Exhibit P-21 (2), Production Schedule	on Scr	edule													١	+	-		,		5					١
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Exhibit P-21 (3). Production Schedule	on Sch	edule																		Da	te: F	ebru	ary	Date: February 2000			
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Nimber	C/RA/R	SA/Item	Sontrol N	Imper							1						6	Line	P-1 Line Item Nomenclature	Non	encla	ture					
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	CC/BA/B	SA/Item -	Control N	umper	:		(٠	,		i	:		(,		7 1		P-1 Line Item Nomenclature	ome ,	enclat	e E					
Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 01	t, Air	Force	, Bud	get Act	Zi.	9	្ត	إق	at A	<u>1</u> 2	aft,	Iter	Z	o 0	_		F-2		F-22 (Raptor)	힐							
	s		ACCEP.	BALANCE	\perp	7000			FISCAL YEAR 2005	YEAR	2005	CATENDAD VEAD 2005	AEA B	2005	\dashv			\vdash	디	SCAL	FISCAL YEAR 2006	2006	E VD 2	ž		Τ	J 4
ITEM/MANUFACTURER/	ш	PROC.	TO	ASOF	0	ž z	6	⊢	┢	\vdash	ł	ר לילי		3	S		\vdash	╫	⊦	F	\ \ \ \	ĮΣ		şE	\ \	S	٠ ۱
PROCUREMENT YEAR	& >	QTY	1 OCT 2004	1 OCT 2004	υF	0 >	υBO	· ∢ z	шш	A M		ΣC	רם	ם כו	ша	O F	0>	шU	N N	∀ ₩	교 ~	< ≻	ÞΖ	ם ח	5 0	ᄪᅀ	田民
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Lockheed Martin Corp	USAF	0	0	0	Ц		П	$\dagger \dagger$	H	H	\coprod				H	$\dagger \dagger$	H	╫	H	H	${f H}$	Ц	Ц		\parallel	H	0
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Lockheed Martin Corp	USAF	16	16	0	Ц		\prod	H	\dashv	$oxed{+}$	$oxed{\parallel}$	Ц			H	\dagger	\dashv	${\mathbb H}$	\dashv	-	dash	4			T	\dagger	0
Lockheed Martin Corp	USAF	24	-	23	2	2	2	2	2	2	2 3	2	2	2	П	Ħ	H	H	H	$oldsymbol{H}$	\parallel	\coprod	Ш		\parallel	H	0
I ockheed Martin Com	IISAF	36	0	36	_			T	+	+	+			-	3	7	ا	7	2	3	3	3	3	7	2	<u>_</u>	0
doc many postupor					L		Γ	T	\vdash	\vdash	L	L			T	Ħ	H	Н	Ц	Ц	Н	Ц	Ц		П	Н	
Lockheed Martin Corp	USAF	36	0	36	Ц			H	H	Н	Ц	Ц			H	H	H	H	H	H	4	Ц	Ц	ľ	,	+	36
TOTAL		124	29		4	2	2	2	-	┪	-	7	2	~		+	+	2	7	_	+	╣	6	7	7	<u>, </u>	36
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				PRODUCTI	CTION RATES	ES				Н					ROCL	IREMI	PROCUREMENT LEAD	TOY	TIME		-						
			į	SUST	HOURS	_ g ,	∑ < >	REA	REACHED						ı	ADMIN LEAD TIME	IME		2	ç		TOTAL	ㅂ				
MANUFACTURER'S NAME		LOCATION	z ;		DAYS		× i		<u>.</u>	Т) ida		A ETTE	T,	D THE	۽ ج		AFTER	84				
Lockheed Martin Corp		Marietta, GA 30063-0000	y g				g								1 OCT	 { !:	1 OCT	¥ <u>-</u>	Ħ	AIE.		1 OCT	-				
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DEMARKS					1	1					ON COL			1		1		+			1						
ESMARKS. Issia Marg. inne reflects Advanced Precurement. It is the number of months from PRTV lone lead award (Jun 88) until the delivery of the first production aircraft (Nov 01).	mement It	is the numb	er of months	from PRTV	ane lea	award	(Jun 9)) until 6	he deliv	ery of t	he first	product	tion air	craft ()	(ov 0)]											
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						_	2 - 1 S	P-1 Shopping List Item No. 01	ing L	ist It	em N	<u>6</u> .0									I		Pro	duct	on S	che	Production Schedule
																					Ĕ	ibit	P-21	(4),	pag	e 7 c	Exhibit P-21 (4), page 7 of 10
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UNCLASSIFIED PAGE 1 - 7

Exhibit P-43 p.1, Simulator and Training Device Justification (\$ M)	and Training D	evice Justificati	on (\$ M)			<u> </u>	Date: February 2000	00
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget A	/BA/BSA/Item Cont Air Force, B	rol Number udget Activit	رام Activity 01, Combat Aircraft, Item No. 01	Aircraft, Iten	No. 01	P-1 Line Item Nomenclature F-22 (Raptor)	nenclature i r)	
Weapon System F-22								
Equipment Nomenclature: Unit Training Device (UTD)	it Training Devi	ce (UTD)						
Fin Plan	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	Total
Quantity			12	3	3	3	11	32
Proc			38.914	22.829	6.733	6.413	14.420	89.309
TRAINING SYSTEM DESCRIPTION	RIPTION							
Full Mission Trainers (FMT). The FMT is a high fidelity replication of the F-22 cockpit, including all displays and controls accessible to the pilot. It will include a full field of eview viewed display system and its associated image generator. The FMT will be used to train systems operation, takeoff, landing, navigation, air refueling, air	The FMT is a high	fidelity replication	n of the F-22 cockpoor The FMT will b	it, including all dis se used to train sys	splays and control	s accessible to the keoff, landing, nav	pilot. It will incluc vigation, air refuelii	le a full ng, air
combat maneuvering, tactics, weapons delivery, and emergency procedures. To ensure commonality with the aircraft and to reduce cost, the FMT will he combat maneuvering, tactics, weapons delivery, and emergency procedures.	eapons delivery, a	nd emergency pro	cedures. To ensure	commonality with	the aircraft and to	o reduce cost, the I	FMT will make sub	stantial
reuse of software previously developed for the F-22 weapons system and will make extensive use of commission of the First will be expressed being networked to allow F-22 pilots to train 2-ship and 4-ship factics on the ground. Future growth to implement Distributed Mission Training (DMT) is planned.	veloped for the r pilots to train 2-sh	22 weapons systen ip and 4-ship tacti	os on the ground. F	uture growth to in	neteral on-the-sin	ted Mission Traini	ng (DMT) is plann	ed.
The Wessers Tactice Tesimer (WTT) is a lower cost device than the FMT. It will be used in conjunction with academic instruction in the FTU classroom and as a part-task	WTT) is a lower o	ost device than the	FMT. It will be us	sed in conjunction	with academic ins	truction in the FT	U classroom and as	a part-task
trainer in the FTU and operational squadrons. The WTT will be used primarily to train system operation and beyond-visual-range tactics, with limited capability in other	nal squadrons. Th	e WTT will be use	ed primarily to train	system operation	and beyond-visua	l-range tactics, wit	h limited capability	, in other
areas. Will be networked in the FIO classrooms to support z-stup and 4-stup training.	im me fio class	rooms to support z	י-אוווף מווע לייוארי.	મા				
The Egress Procedures Trainer (EPT) is a cockpit mockup with minimal functionality, including only those controls required for training life support and emergency egress	(EPT) is a cockpit	: mockup with min	imal functionality,	including only tho	se controls require	ed for training life	support and emerge	ency egress
procedures.								
NOTE: FY 2002 includes the acquisition of one of each type of trainer. FY 2003 includes the acquisition of 3 weapon tactics trainers.	cquisition of one	of each type of tra	iner. FY 2003 inch	ides the acquisition	n of 3 weapon tact	ics trainers.		
			P-1 Shopping	P-1 Shopping List Item No. 01		mulator and Tra	Simulator and Training Device Justification (\$ M)	stification (\$ M)
							Exhibit P-43 p	Exhibit P-43 p.1, page 8 of 10
			INCI ACCICIEN DACE 4	IED DAGE 1	ď			

Exhibit P-43 p.2. Simulator and Training Device Justification (\$ M)	ator and Tra	ining Device.	Justification ((M \$				Date: F	Date: February 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 01	ae/cc/BA/BSA snt, Air Fo	/Item Control Nurr	t Activity 0	1, Combat	Aircraft, It	em No. 01	P-1 Line F-22	P-1 Line Item Nomenclature F-22 (Raptor)	fure	
Weapon System F-22										
Equipment Nomenclature: Unit Training Device (UTD)	e: Unit Train	ing Device (UT)	(a							
IOC Date										
TRAINING	SITE	DELIVERY	READY	AVG	FY 1999	666	FY?	FY 2000	FY 2001	2001
DEVICE BY TYPE		TIME	TRAINING	STUDENT THROUGH PUT	Ą	COST	QTY	COST	QTY	COST
Egress									1	1.273
Weapons									10	14.853
Full Mission Trainers									1	22.788
TOTAL									12	38.914
				P-1 Shopping	P-1 Shopping List Item No. 01	01	Simulator	Simulator and Training Device Justification (\$ M)	Device Justi	fication (\$ M)
				L L L				EX	Exhibit P-43 p.2, page 9 of 10	, page 9 of 10

Exhibit P-43 p.3. Simulator and Training Device Justification (\$ M)	and Training Device Just	tification (\$ M)				Date: Febi	Date: February 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 01	Air Force, Budget A	ctivity 01, Combat A	Nircraft, Item No	. 01	P-1 Line Item Nomer F-22 (Raptor)	P-1 Line Item Nomendature F-22 (Raptor)		
Weapon System F-22								
Equipment Nomenclature: Aircrew Trainers	ircrew Trainers							
Description:								
			1000	-	5		F	4
FINANCIAL PLAN	FY 1999	FY 2000 OTY COST	FY 2001 OTY C	COST	10 Complete OTY C	COST	OTY COSUS	COST
Hardware Costs	-							
Training Systems			12	38.914	20	20.395	32	89.309
Total Hardware Costs			12	38.914	20	20.395	32	89.309
Support Costs								
Total Support Costs								
TOTAL COSTS			12	38.914	20	20.395	32	89.309
,								
		priceof P	D. 1 Shonning List Item No. 01		imulator an	Similator and Training Device Institute (\$ M)	evice .fustiff	cation (\$ M)
		Buildhous 1-4	LISC REITH INO. OF	,		Exhibit	Exhibit P-43 p.3, page 10 of 10	age 10 of 10
		LACCIERT DACE	IN DACE 4 - 40					

Exhibit P-40, Budget Item Justification	ustification								Date: February 2000	uary 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Numbe	:/BA/BSA/Item	Control Numbe	¥.					P-1 Line Item	P-1 Line Item Nomenclature		
Aircraft Procurement, Air Force, Budget	Air Force	3, Budget	Activity 01, Combat Aircraft, Item No. 02	1, Comba	It Aircraft	, Item No		F-22 (Rap	F-22 (Raptor) Advance Procurement	ance Pro	curement
Program Element for Code B Items:	ems:	N/A			Other Related	Other Related Program Elements:	ements:				
	ID Code	Prior Years	FY 1999 FY 2000 FY 2001 FY 2002 FY 2003 FY 2004 FY 2005 To Comp Total	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Comp	Total
Proc Qty	A										
Cost (\$ M)											
Advance Proc Cost (\$ M)			197.200	277.094	396.222	379.159	685.586	251.874	246.017		2733.155
Weapon System Cost (\$ M)			197.200	277.094	396.222	379.159	685.586	251.874	246.017		2733.155
Initial Spares (\$ M)											
Total Proc Cost (\$ M)			197.200	277.094	396.222	379.159	985.589	251.874	246.017		2733.155
Flyaway Unit Cost (\$ M)											
Wpn Sys Unit Cost (\$ M)											

Description

worldwide threats. The F-22 is designed to penetrate enemy airspace and achieve a first-look, first-kill capability against multiple targets. The F-22 is characterized by a low-observable highly maneuverable airframe, advanced integrated avionics, and a new engine of supersonic cruise without the use of afterburner. A total of 333 F-22 The F-22 program is developing the next generation multi-mission air superiority fighter for introduction in the early 21st century to counter emerging proliferation aircraft will be produced.

FY 2001 Program Justification

Procures long-lead parts and materials necessary to protect the delivery schedule of the FY 02 buy (16 aircraft) and Diminishing Manufacturing Sources (DMS) parts requirements.

P-1 Shopping List Item No. 02

Budget Item Justification Exhibit P-40, page 1 of 3

Exhibit P-10 p.1, Advance Procurement Requirements Analysis (Page 1 - Funding)	rance Proc	curement Re	quirements	, Analysis						Date: February 2000	ary 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	Code/CC/BA	/BSA/Item Con	trol Number	hivity, 04	\$cquo	er Antivity 01 Combat Aircraft Itom No 02	N mot		P-1 Line Item Nomenclature	P-1 Line Item Nomendature	Droc Droc	.rement
Weapon System	וובוווי, א	1 LOICE, 11		civity 01,	Compar	First System Award Date	Award Date		ldpvi) 77	First System Completion Date	Completion 1	Date
F-22AP							96-unf	86			Nov-01	
					(\$ in N	(\$ in Millions)						
Description	PLT	When Rad	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Comp	<u>Total</u>
End Item Qty				2		10	16	24	36	36	209	333
CFE			71.291	176.670	239.694	341.904	267.718	275.444	201.974	203.350	929.225	2707.270
GFE												
								700 017			241 147	052 1/13
ည်ကူ								010.990			741.147	732.143
Design			9.481	20.530	37.400	54.318	111.441	99.149	49.900	42.667	199.099	623.985
Term Liability												
TOTAL AP			80.772	197.200	277.094	396.222	379.159	985.589	251.874	246.017	1469.471	4283.398
Description: CFE represents required funding for Contractor Furnished Equipment (CFE) for both. Design line represents funding for Diminishing Manufacturing Sources (DMS). EOQ (Economic Order Quantity) represents cost for upfront Multi-Year Procurement. First system award date reflects advanced buy for Lot 1.	d funding for lunding for l Quantity) r reflects adv	or Contractor I Diminishing N Epresents cost vanced buy fo	Jurnished Equ Manufacturing for upfront M r Lot 1.	nipment (CFF 5 Sources (D) fulti-Year Pr	E) for both A. MS). ocurement.	Equipment (CFE) for both Air Vehicle and Engine. rring Sources (DMS). nt Multi-Year Procurement.	d Engine.					
				<u>-</u>	-1 Shopping	P-1 Shopping List Item No. 02	5. 02	Ad	vance Pro	Advance Procurement Requirements Analysis (Page 1 - Funding) Exhibit P-10 p.1, page 2 of 3	nent Requirements Analysis (Page 1 - Funding) Exhibit P-10 p.1, page 2 of 3	irements Analysis (Page 1 - Funding) 10 p.1, page 2 of 3
						1000	57.					

Exhibit P-10 p.2, Advance Procurement Requirements Analysis (Page 2 - Budget Justification)	ent Requirements	Analysis			Date: February 2000	ıry 2000
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 02	em Control Number ce, Budget Act	ivity 01, Combat	Aircraft, Item N		P-1 Line Item Nomendature F-22 (Raptor) Advan	P-1 Line Item Nomendature F-22 (Raptor) Advance Procurement
Weapon System F-22AP			i			
		(TOA, \$	(TOA, \$ in Millions)			
Description	PLT	QPA	Unit Cost	FY 2001 QTY	FY 2001 Contract Forecast Date	FY 2001 Total Cost Request
End Item						
CFE			21.369	16	Dec-00	341.904
GFE						
БОО						
Design			3.395	16	Dec-00	54.318
Term Liability						
TOTAL AP						396.222
Description: Design line represents funding for Diminishing Manufacturing Sources (DMS). CFE represents required funding for Contractor Furnished Equipment (CFE). Contract Forecast Date reflects advanced procurement date for Lot 3. Production leadtime (PLT) is 35 months for Air Vehicle and 27 months for Engine. P-1 Shopp	shing Manufacturing ractor Furnished Equi procurement date for or Air Vehicle and 27	Sources (DMS). ipment (CFE). Lot 3. 7 months for Engine. P-1 Shopping	DMS). FE). for Engine. P-1 Shopping List Item No. 02	Advan	ce Procurement Re	Advance Procurement Requirements Analysis (Page 2 - Budget Justification)
						1-10 p.z. page 301 3

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Exhibit P-40, Budget Item Justification	lustification								Date: February 2000	ruary 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	:/BA/BSA/Item	Control Numbe						P-1 Line Item	P-1 Line Item Nomenclature		
Aircraft Procurement, Air Force, Budget	Air Force	, Budget	Activity (Activity 01, Combat Aircraft, Item No. 03	at Aircraf	t, Item No	. 03	F-15E			
Program Element for Code B Items:	ems:	N/A			Other Relate	Other Related Program Elements:	lements:				
	ID Code	Prior Years	FY 1999 FY 2000		FY 2001	FY 2001 FY 2002 FY 2003		FY 2004	FY 2005	FY 2005 To Comp Total	Total
Proc Qty	A	1,100		5							1,105
Cost (\$ M)		26219.910		267.286							26487.196
Advance Proc Cost (\$ M)				24.290							24.290
Weapon System Cost (\$ M)		26219.910		291.576							26511.486
Initial Spares (\$ M)											
Total Proc Cost (\$ M)		26219.910		291.576							26511.486
Flyaway Unit Cost (\$ M)				75.700							
Wpn Sys Unit Cost (\$ M)				75.700							

Description

weather deep penetration and night/under-the-weather air-to-surface attack. It is a two seat aircraft configured with missionized cockpits, low altitude navigation, targeting, night-under-the-weather air-to-air surface attack mission. Configured with conformal fuel tanks (CPTs), the F-15E can deploy worldwide with minimal tanker support and The F-15E (Dual Role Fighter) retains the basic air-to-air capability of the F-15 A-D tactical fighter and adds the systems necessary to meet the urgent requirement for all and infared for night (Lantim) capability; automatic terrain following/terrain avoidance; and other improvements neccessary to fulfill the deep penetration and arrive combat ready. The program is a Congressional-add to the FY00 for the purchase of attrition reserve F-15Es

FY 2001 Program Justification

Not Applicable

P-1 Shopping List Item No. 03

Budget Item Justification Exhibit P-40, page 1 of 6

Exhibit P-5, Weapon System Cost Analysis								Date: Febr	Date: February 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	ol Number						P-1 Line Item Nomenclature	omendature		
Aircraft Procurement, Air Force, Budget		ctivity 0'	1, Combat	Activity 01, Combat Aircraft, Item No. 03	Item No.		F-15E			
Manufacturer's Name/Plant City/State Location				Subline Item						
Weapon System	Ident				Total Cost	Total Cost In Millions of Dollars	of Dollars			
Cost Elements	Code		FY 1999			FY 2000			FY 2001	
		Δţ	Unit Cost	Total Cost	Ótà	Unit Cost	Total Cost	Qtà	Unit Cost	Total Cost
Avionics	A				5	0.000	TBD			
Airframe/CFE	A				5	0.000	TBD			
Engine/Accessories	Ą				10	0.000	TBD			
Armament	A									
Software	Y									
Other Government Furnished Equipment (GFE)	A				5	0.000	TBD			
Engineering Change Orders (ECO)	A				5	0000	TBD			
Nonrecurring Costs	Α									
Other Costs	A				5	0.000	TBD			
FLYAWAY COST SUBTOTAL	A						0.000			
Advance Buy	A									
Gross P-1 Cost	A									
Less Prior Yr Adv. Proc	A									
Net P-1 Cost	A						267.286			
Anticipated Reprogramming of Adv. Proc.	A						24.290			
TOTAL AVAILABLE FUNDS	Α						291.576			
TOTAL PROGRAM					i					
Comments								,		
The Air Force is in the initial phase of price negotiation with the contractor and awaiting a detailed cost proposal. necessary.	iation with	the contrac	tor and awaiti	ing a detailed	cost proposa	l. Favorable	prices and ad	ditional resc	Favorable prices and additional resources may be	
	·									
			P-1 Shoppir	P-1 Shopping List Item No. 03	Vo. 03			Weapor	Weapon System Cost Analysis Exhibit P-5. page 2 of 6	st Analysis
									EAIIDIC I ~	rago - c.

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Exhibit P-5A. Procurement History and Planning	Histo	rv and Pla	anning						Date: Feb	Date: February 2000	
								A trial than N	901000000		
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget A	JBA/B?	SA/Item Con F orce, B	itrol Number Sudget Act	ivity 01,	Combat ,	Aircraft, It	Activity 01, Combat Aircraft, Item No. 03	F-1 Line tiem Nomenciature F-15E	omendature	•	
Weapon System					Subline Item	1					
F-15E											
						(
WBS Cost Elements	Ž C	Unit Cost	Location of PCO	RFP Issue Contract Date Method	Contract Method	Contract	Contractor and Location	Award ion Date	First Delivery	Available ry Now?	Available?
Air Vehicle FY96	9	_	ASC/FBA		FFP	FFP	BOEING	Dec-96	╁╴	1	
FY97	9	丄	ASC/FBA		FFP	FFP	BOEING	Feb-97	┝	99 Yes	
FY98	5	<u> </u>	ASC/FBA		FFP	FFP	BOEING	Nov-97		99 Yes	
FY00	5	55.730	ASC/FBA		FFP	FFP	The Boeing Company	y Apr-00	00 Dec-03)3 No	
Propulsion											
FY96	12		7.500 ASC/LP		FFP	FFP	PRATT & WHITNEY				
FY97	12	_	8.500 ASC/LP		FFP	FFP	PRATT & WHITNEY		97 Feb-99	99 Yes	
FY98	101		8.600 ASC/LP		FFP	FFP	PRATT & WHITNEY	Y Feb-98	\neg		
FY00	2		4.474 ASC/LP		FFP	FFP	PRATT & WHITNEY	Y Apr-00	00 May-02	02 Yes	
ALQ-135											
FY96	9	L	1.700 ASC/FBA		FFP	FFP	BOEING	May-96	96	Yes	
FY97	9		1.600 ASC/FBA		FFP	FFP	BOEING	Jan-97	7.	Yes	
FY98	5		1.700 ASCFBA		FFP	FFP	BOEING	Dec-97	97	Yes	
Remarks											
Assume CFE for Radar, TEWS, and AME for aircraft. ALQ-135 equipment for the FY00 program will be procured by Boeing as contractor furnished equipment and is included in Air Vehicle costs.	, and	AME for air	rcraft. ALQ-1	35 equipmer	nt for the FY(00 program wi	ill be procured by Boeir	ng as contracto	r furnished	equipment ar	d is
Illolated III All College costs.											
				<u>-</u>	1 Shopping	P-1 Shopping List Item No. 03	. 03	<u>-</u>	rocureme	nt History a xhibit P-5A	Procurement History and Planning Exhibit P-5A, page 3 of 6
							and a				

The continue of the continue	Force, Budget Activity O1, Combat Alicraft, Item No. 03 F-15E		EXIIIDIL F-21, FIGUACION SCHEUUR	֓֞֞֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓												l	T		!	ŀ						ı	
Country Coun	Sections Sections	iation (Treasury) Code/C aft Procurement ,	C/BA/BS, , Air F	Altem (Control N , Budç	<u> </u>	vity	9,	ဒ္ဓ	nba	tAir	craf	ff, fē	E P	<u>.</u>	ည		7.4.E	آا آل الله	g E	menc	lature					
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USAF Buys are for attrition attrition reserve alireraft, All Shopping List Item No. 03	Buys are for attrition reserving alricard. P-1 Shopping List Item No. 03	fO 63316						1	٦	nd FY98	~-	È	اد								33		33				
for attrition reserve aircraft. P-1 Shopping List Item No. 03	P-1 Shopping List Item No. 03								<u> </u>	SAF		REOR	DER														
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Exhibit P-21 (2), Production	Schedul														Ť		ŀ	ا ا	֓֞֝֝֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֡֓֓֡֓֡֓֓֓֡֝֡֓֓֡֡֝֡֡֓֡֓֡֝֡֓֡֓֡֡֡֡֡֓֡֓֡֓֡֓֡֡֡֝֡֓֡֓֡֡֡֡֡֓֓֡֡֡֓֓֡֡֡֓֜֝			3		١	T
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Aircraft Procurement, Air Force, Budget /	Vir Forc	č, B	ndge	of Act	ivity	2,	Cou	nbat	Air	srafi	, Ite	Activity 01, Combat Aircraft, Item No. 03	0.0	က		F-15E	Е								
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MANUFACTURER'S NAME	LOCATION	NOI NOI	\dagger		DAYS 4	+	2	FY%.						PRIO	\vdash	FIER		TIME		100					
P.O. Box 516			t			H	т-	FY97,						1 OCT	_	1 OCT			_						
St. Louis, MO 63316			H		Ц	H	Î	and FY98		INITIAL	ال				\dashv				2	1	8				
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REMARKS																								١	
FY96, FY97, and FY98 USAF Buys are for attrition reserve aircraft.	ition reserve a	ircraft.											ļ								١				
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Exhibit P-21 (3). Production Schedule	1 Sche	3dule															Da	Date: February 2000	bruai	ry 20	8		
Annomistics (Treasury) Code/CC/BA/BSA/Item Control Number	/RA/RS	Δ/Item C	N lontrol N	mher								Ĭ		Γ	P-1 11.	ie Item	P-1 Line Item Nomenclature	nclatt.	<u>_</u>				
Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 03	Air	-orce,	Bude	let Act	ivity	01,0	Com	bat ∤	Vircr	aft, l	tem	Š.	03		F-15E	Щ							
	,		ACCEP.	BALANCE				FISCA	L YEAR	2003	FISCAL YEAR 2003		П				FISCAL YEAR 2004	YEAR	2004			П	T
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TOTAL		2	2		-	4	+	+	+	╌┼╌	+	┿	v	┿	╫	-	+	╁	≥	+	+	╀	2
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				PRODUCTION	CTION RATES	╽┟							EROG -	REME	PROCUREMENT LEAD TIME	TIME		ŀ		†	1		
				MIN	HOUR	Σ ₹ 		REACHED	_					ADMIN LEAD TIME	Z E		9		TOTAL				
MANUFACTURER'S NAME		LOCATION			DAYS			Δ									TIME		AFTER				
The Boeing Company	П				4	\parallel	5 FY96,	· •					PRIOR		AFTER:				10CT				
P.O. Box 516	T					+		rY9/, and FY98	Ζ	TIAL				┿	3	\perp		33		33			
St. Louis, MO 62310							USAF	, L	2	REORDER			L	t				\vdash		Γ			
							Buys are for	Buys are for															
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REMARKS						$\ $																	
FY96, FY97, and FY98 USAF Buys are for attrition reserve aircraft.	attrition re	serve aircra	Ĥ.																				
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Exhibit P-40, Budget Item Justification	Justificatior								Date: Fel	Date: February 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	C/BA/BSA/Item	Control Number	<u></u>					P-1 Line Iten	P-1 Line Item Nomendature	ę.	
Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 04	, Air Force	e, Budget	Activity (11, Comba	at Aircraf	t, Item No	o. 04	F-15E A	dvance P	F-15E Advance Procurement	nt
Program Element for Code B Items:	tems:	N/A			Other Relate	Other Related Program Elements:	lements:				
	ID Code	Prior Years FY 1999 FY 2000	FY 1999		FY 2001	FY 2001 FY 2002	FY 2003	FY 2004	FY 2005	FY 2004 FY 2005 To Comp Total	Total
Proc Qty	Ą										
Cost (\$ M)											
Advance Proc Cost (\$ M)				24.290							24.290
Weapon System Cost (\$ M)				24.290							24.290
Initial Spares (\$ M)											
Total Proc Cost (\$ M)				24.290							24.290
Flyaway Unit Cost (\$ M)				75.000							
Wpn Sys Unit Cost (\$ M)				75.000							
Description											

<u>Description</u>
This program is a Congressional add for the purchase of additional attrition reserve F-15Es. The service intends to request Congressional approval to use these funds to procure 5 FY00 F-15Es. There is no required funding for FY 2001 procurement of aircraft.

FY 2001 Program Justification

P-1 Shopping List Item No. 04

Exhibit P-40, page 1 of 2 **Budget Item Justification**

Exhibit P-10 p.1, Advance Procurement Requirements Analysis (Page 1 - Funding)	ance Proc	curement Re	equirement	s Analysis						Date: February 2000	any 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	code/CC/BA	/BSA/Item Con	atrol Number	tivity 01	Combat	Aircraff.	er Activity 01, Combat Aircraft, Item No. 04		P-1 Line Item Nomendature F-15E Advance Pro	lomendature	P-1 Line Item Nomenclature F-15E Advance Procurement	
Weapon System	6		9			First System	First System Award Date			First System	First System Completion Date	Date
F15EAP					(\$ in N	(\$ in Millions)						
Description	PLT	When Rad	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Comp	Total
End Item Qty			1,100		0							1,100
CEE												
GFE												
E0Q												
Design												
Term Liability												
TOTAL AP												
Description: This program is a Congressional add for the purchase of additional attrition reserve F-15Es. The service intends to request Congressional approval to use these funds to procure 5 FY00 F-15Es. There is no required funding for FY 2001procurement of aircraft.	ressional ad	ld for the purc no required fu	chase of addit	ional attritior	n reserve F-1:	SEs. The serraft.	vice intends t	o request Co	ngressional a	ipproval to us	se these funds	g
				d.	P-1 Shopping List Item No. 04	List Item N	0.04	¥	Ivance Pro	curement F	Advance Procurement Requirements Analysis	irements Analysis
										Exhib	(r age 1 - 1 cmmg) Exhibit P-10 p.1, page 2 of 2	oage 2 of 2
				CIVII		2040	4 22					

Exhibit P-40, Budget Item Justification	Justification								Date: February 2000	uary 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	3/BA/BSA/Iten	Control Number	e.					P-1 Line Item	P-1 Line Item Nomenclature		
Aircraft Procurement, Air Force, Budget	Air Forc	e, Budget	Activity 0	1, Comba	Activity 01, Combat Aircraft, Item No. 05	; Item No	. 05	F-16 C/D (MYP)	(MYP)		
Program Element for Code B Items:	ems:	N/A			Other Relate	Other Related Program Elements:	ements:				
	ID Code	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Comp	Total
Proc Qty	A	2,213	-	10			9	7	7	0	2,244
Cost (\$ M)		32549.900	26.623	238.865			165.975	198.365	203.049		33382.777
Advance Proc Cost (\$ M)		2846.300	14.486	23.317						000.0	2884.103
Weapon System Cost (\$ M)		35396.200	41.109	262.182			165.975	198.365	203.049	0.000	36266.880
Initial Spares (\$ M)		14.710	0.000	0.000	5.850	11.700	14.350	18.650	20.550	!	85.810
Total Proc Cost (\$ M)		35410.910	41.109	262.182	5.850	11.700	180.325	217.015	223.599	0.000	36352.690
Flyaway Unit Cost (\$ M)		15.970	26.623	25.340	0.000	0000	27.660	28.340	29.010		
Wpn Sys Unit Cost (\$ M)											

escription

capabilities to exploit the advances made in computer, avionics systems, engine, and structures technologies. The F-16 has been selected by 19 air forces around the world. MISSION AND DESCRIPTION: The F-16 Fighting Falcon is the world's premier multi-mission fighter. It is a single-seat, fixed-wing, high performance, single-engine reconnaissance, close air support, combat air patrol, forward air control, and battle air interdiction (day and night). Also during these years the aircraft has evolved in its fighter aircraft. In its 25-year history, the F-16 has proven itself in combat in a variety of air-to-air and air-to-surface missions such as defense suppression, armed USAF and foreign military sales production will continue well into the 21st century.

FY 2001 Program Justification

FY99 Aircraft Procurement is an Attrition Reserve Aircraft: No initial spares are procured.

FY99 Advance Procurement was approved as part of the Air Force FY99 OMNIBUS reprogramming package.

FY00 Aircraft Procurement are Force Structure Aircraft to begin fielding the 10th Suppression of Enemy Air Defense (SEAD) Squadron. Additional 20 aircraft are required and funded in FY03-05.

FY00 Advance Procurement was a FY00 Congressional Plus-up to the FY00 PB.

Initial spares (FY01-05) are required to support the 30 Force Structure Aircraft planned in FY00-05.

P-1 Shopping List Item No. 05

Budget Item Justification Exhibit P-40, page 1 of 8

Exhibit P-5, Weapon System Cost Analysis								Date: February Zuuu	uary 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	ol Number						P-1 Line Item Nomenclature	lomenclature		
Aircraft Procurement, Air Force, Budget Activity 01, Combat Aircraft, Item No. 05	idget A	ctivity 01	, Combat	Aircraft,	Item No.		F-16 C/D (MYP)	MYP)		
Manufacturer's Name/Plant City/State Location				Subline Item						
Lockheed-Martin Tactical Sys Co., Ft. Worth, TX										
Weapon System	Ident				Total Cost	Total Cost In Millions of Dollars	of Dollars			
Cost Elements	Code		FY 1999			FY 2000			FY 2001	
				Total			Total			Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
Airframe	A	-	15.446	15.446	10	14.685	146.851			
Engine	A	1	4.404	4.404	10	3.820	38.200			
Avionics	Ą	1	2.000	2.000	10	2.500	25.000			
Armament	Ą	_	0000	0.000	10	0000	0.000			
Software	Ą		0.000	0.000	10	0.000	0.000			
Other Government Furnished Equipment (GFE)	Ą	1	1.787	1.787	10	1.781	1			
Engineering Change Orders (ECO)	A	1	2.986	2.986	10	0.200	2.000			
Nonrecurring Costs	A	ī	0.000	000'0	10	0.000	0.000			
Other Costs	A		0000	0000	10	0.000	0.000			
FLYAWAY COST SUBTOTAL	Ą			26.623			229.865			
Engine PGSE	Α						1.500			
Peculiar Training Equipment	Y						7.500			
SUPPORT COST SUBTOTAL	Α						9.000			
TOTAL PROGRAM										
Comments										į
Airframe includes Time Oriented Tasks (TOTS) & Recurrit	Recurrin	g Manufactu	ring Support	ng Manufacturing Support (RMS) (Previously allocated within Nonrecurring Equipment (NRE)	ously allocate	ed within No	nrecurring Eq	uipment (NF	<u>E</u>	
Avionics includes Radar Procurement.		•	•	•						
FY99 Aircraft Procurement is an attrition reserve aircraft; no initial spares are purchased.	aircraft; no	o initial spare	s are purchas	ed.						
FY99 cost subjected to \$3M Congressional Rescission	sion									
FY00 cost subjected to \$7M Congressional cut										
FY00 engine competition reduced cost of Engines		. 6.11:	1041	7 J	2.C A	(CEAD)	Composition			
FYOU Aircraft Procurement are force structure affectant to begin the four buppression of Enterity All Defense (SEAD) squareout	rait to oc	gin ileiuing i	iddne mor au	ession of Eng	III) AII DOIC	(UNIC) SEI	34uauron.			
			P-1 Shonnin	P-1 Shonping List Item No 05	0.05			Weapon	Weapon System Cost Analysis	st Analysis
				D	3			_	Exhibit P-5, page 2 of 8	page 2 of 8
			INCI ACCIETED DACE 4		1 24					

Exhibit P-5A. Procurement History and Planning	Histor	v and Plan	nnina					Dai	Date: February 2000	y 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	/BA/BS	A/Item Contr	rol Number					P-1 Line Item Nomenclature	enclature		
Aircraft Procurement, Air Force, Budget	Air F	orce, Bı	udget Act	ivity 01,	Combat /	Activity 01, Combat Aircraft, Item No. 05		F-16 C/D (MYP)	<u>(</u>		
Weapon System					Subline Item				į.		
F-16											
	(Location of	Issue	Contract	Contract			Date of First	ble	Date Revisions
WBS Cost Elements FY1999	<u></u>	Unit Cost	00 L	Date	Method	1 ype	Contractor and Location	n Date	Delivery	; mon	Available
LOCKHEED MARTIN TACTICAL AIRCRAFT SYSTEMS-AIRFRAME	-		15.446 Ft Worth, TX		SS	FFP	LOCKHEED MARTIN TACTICAL AIRCRAFT SYSTEMS, FORT WORTH, TX	Dec-98	May-01	Yes	
GENERAL ELECTRIC-PROPULSI ON	-	4.404 G.E. Evar OH	G.E. Evandale, OH		O	FFP	GENERAL ELECTRIC, EVANDALE, OH	, Dec-98	Dec-99	Yes	
FY2000											
LOCKHEED MARTIN TACTICAL AIRCRAFT SYSTEMS - AIRFRAME	91		14.427 Ft Worth, TX		SS	FFP	LOCKHEED MARTIN TACTICAL AIRCRAFT SYSTEMS, FORT WORTH, TX	T Apr-00	Apr-02	No	Apr-00
GENERAL ELECTRIC-PROPULSI ON	01		3.820 G.E., Evandale, OH		D.	FFP	GENERAL ELECTRIC, EVANDALE, OH), Dec-99	Dec-00	Yes	
FY2001	0	0.000 N/A	N/A		N/A	N/A					
Remarks											
				ď	1 Shopping	P-1 Shopping List Item No. 05	05	Proc	urement F	listory and	Procurement History and Planning Exhibit P-5A, page 3 of 8
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Exhibit P-21, Production Schedule	Schedu	Je Je															L			ڟ	ie:	ģ	uary	Date: February 2000	0			Г
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	C/BA/B	SA/Item	Control N	umber													P-1	Line	P-1 Line Item Nomenclature	Sem	encla	ature						Т
Aircraft Procurement, Air Force,	, Air	Force	;, Budç	Budget Activity 01, Combat Aircraft, Item No.	ĭ <u>×it</u>	9	<u>ა</u>	dmc	at A	<u>Yirc</u>	raft,	, T e	Ē		02		<u>iĽ</u>	16 (F-16 C/D (MYP)	Ξ	Æ							
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Exhibit P-40. Budget Item Justification	ustification	_							Date: Feb	Date: February 2000	
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Proc Qty	A										
Cost (\$ M)											
Advance Proc Cost (\$ M)			14.486	23.317							37.803
Weapon System Cost (\$ M)			14.486	23.317							37.803
Initial Spares (\$ M)											
Total Proc Cost (\$ M)			14.486	23.317							37.803
Flyaway Unit Cost (\$ M)											
Wpn Sys Unit Cost (\$ M)									1		
Description FY99 funds are a result of an FY99 Prior Approval reprogramming. FY00 Advance Procurement funds were a FY00 Congressional Plus-up.	Y99 Prior Ap	oproval reprog	ramming.								
)	•								
FY 2001 Program Justification	퇴										
					į						
				P-1 Shoppi	P-1 Shopping List Item No. 06	No. 06			8	udget Item Exhibit P-40	Budget Item Justification Exhibit P-40, page 1 of 2

	32	INIOI ACCIEIEN DACE 4	ACCIE					
Advance Procurement Requirements Analysis (Page 1 - Funding) Exhibit P-10 p.1, page 2 of 2	ď	P-1 Shopping List Item No. 06	1 Shopping	-d		;		
	4	onal Plus-up.	00 Congressi	s were an FY(rement fund	dvance Procu	ded. FY00 A	related end item is funded. FY00 Advance Procurement funds were an FY00 Congressional Plus-up.
Description: FY99 finds are a result of an FY99 Prior Year reprogramming. Advanced buy supports are GFE purchases which are procured in advance of the fiscal year in which the	s which are procur	are GFE purchases	ouy supports	g. Advanced l	programming	Prior Year re	t of an FY99	Description: FY99 finds are a resul
37.803			23.317	14.486				TOTAL AP
								Term Liability
								Design
								<u> </u>
37.803			23.317	14.486				CFE GFE
7 7 31	9 0	0	10	1				End Item Qty
FY 2004 FY 2005 To Comp Total	FY 2002 FY 2003	100	(\$ III IV FY 2000	FY 1999	Prior Years	When Rad	PLT	Description
		(% in Millions)	(\$ in N					F-16AP
First System Completion Date	d Date	First System Award Date						Weapon System
F-16 Advance Procurement		Activity 01, Combat Aircraft, Item No. 06	Combat ,	tivity 01,	udget Ac	Force, B	code/cc/6/4/ ment, Air	Apropration (Treasury) Code/CC/EABSANtern Control Number Aircraft Procurement, Air Force, Budget A
Date. February 2000				s Analysis	quirements	urement Re	vance Proc	Exhibit P-10 p.1, Advance Procurement Requirements Analysis Page 1 - Funding)
Date: February 2000				Anslycic	of incomonition	OG tuomout	October Bros	

FY 01 AMENDED BUDGET REQUEST BUDGET ACTIVITY 02 – AIRLIFT AIRCRAFT

FEBRUARY 2000

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Exhibit P-40, Budget Item Justification	Justification	_							Date. rebi	ual y 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	3/BA/BSA/Item	Control Number						P-1 Line Item	P-1 Line Item Nomenclature		
Aircraft Procurement, Air Force, Budget	Air Force	, Budget	Activity 0	2, Airlift /	Activity 02, Airlift Aircraft, Item No. 07	em No. 0		C-17A (MYP)	YP)		
Program Element for Code B Items:	ems:	N/A			Other Relate	Other Related Program Elements:	ements:		N/A		
	ID Code	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Comp	Total
Proc Qty	Ą	57	13	15	12	15	6	5	8		134
Cost (\$ M)		15828.200	2570.406	2670.988	2211.655	2670.598	1859.197	1310.365	2234.336		31355.745
Interim Ctr Support (\$ M)		482.400		396.600	412.200	437.200	440.300				2168.700
Advance Proc Cost (\$ M)		1924.700	302.639	287.300	266.800	145.700	107.500	175.400			3210.039
Weapon System Cost (\$ M)		18235.300	2873.045	3354.888	2890.655	3253.498	2406.997	1485.765	2234.336		36734.484
Initial Spares (\$ M)		733.000	109.921	0.000	0.000	0000	000'0	0.000	000'0	000'0	842.921
Total Proc Cost (\$ M)		18968.300	2982.966	3354.888	2890.655	3253.498	2406.997	1485.765	2234.336	000'0	37577.405
Flyaway Unit Cost (\$ M)		270.310	202.300	195.800	204.300	199.700	214.600	205.900	260.600	0.000	
Wpn Sys Unit Cost (\$ M)		311.000	222.400	227.200	244.400	231.400	275.000	283.600	301.200	0.000	

Description

Develops and procures C-17 Airlift Aircraft which will provide an additional increment of needed airlift capability to meet both strategic (long range) and tactical (theater) requirements. Allows rapid and timely inter and intratheater deployment, employment, and resupply of combat forces to meet mobility requirements of theater CINCS. Provides intratheater outsize/airdrop capability not available now. Will provide force modernization and replace lost capability of retiring C-141 aircraft.

FY 2001 Program Justification

Funding will provide for procurement of twelve aircraft in FY01. This reflects the fifth year of the multi-year procurement acquisition contract (FY97-03). This will be the third year of the new support contract, Flexible Sustainment, in which Boeing provides maintenance and material management through partnerships between industry and government depots.

Process (RSSP). This single contract incorporates all supply support requirements, including all spare parts support, determined by collected failure rates during an interim The C-17 program has awarded a single overarching contract for Flexible Sustainment to include all initial spares support as part of the Reengineered Supply Support period. The contractor will provide all spare parts as a service under this contract to achieve agreed to performance criteria.

Exhibit P-40, page 1 of 13 **Budget Item Justification** P-1 Shopping List Item No. 07

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Exhibit P-5, Weapon System Cost Analysis								Date, rebinary 2000	ary 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	ol Number			i	;	<u></u>	P-1 Line Item Nomenclature	omenclature		
Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 07	idget A	ctivity 02	2, Airlift A	ircraft, Ite	m No. 07		C-17A (MYP)	<u>(</u>		
Manufacturer's Name/Plant City/State Location				Subline Item						
Boeing Airlift and Tankers / Long Beach, CA										
Weapon System	Ident				Total Cost	Total Cost In Millions of Dollars	of Dollars			
Cost Elements	Code		FY 1999			FY 2000			FY 2001	
	•			Total			Total			Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qt	Unit Cost	Cost
1.0 Airframe	A	13	173.515	2255.700	15	166.633	2499.500	12	175.017	2100.200
2.0 Engine (4) (Model F-117-PW-100)	Ą	52	4.787	248.900	09	5.043	302.600	48	5.242	251.600
3.0 Avionics	Ą	13	6.992	006'06	15	6.853	102.800	12	7.250	87.000
4.0 Engineering Change Orders (ECO)	A			0.000			0.000			0.000
5.0 Product Improvement	A	13	2.105	27.370	15	2.415	36.220	12	2.688	32.250
6.0 Nonrecurring Flyaway	A			0.000			0000			0.000
7.0 Settlement	A			0.000			0.000			0.000
8.0 Flyaway Cost Subtotal (1 thru 7)	Ą			2622.870			2941.120			2471.050
9.0 Peculiar Support Equipment	A			14.600			3.000			2.900
10.0 Common Support Equipment	Ą			2.800			2.300			0.000
11.0 Training	Ą			28.700			60.600			40.800
12.0 Data	Α			6.925			9.109			5.850
13.0 Field Support	Ą			0.000			0.000			0.000
14.0 Flex Sustainment/Interim Sup Spt	A			206.160			0.000			11.100
15.0 Mission Support	A			12.496			13.498			12.195
16.0 Support Cost Subtotal (9 thru 15)	A			271.681			88.507			72.845
17.0 Gross P-1 Cost (8 + 16)	Ą	13		2894.551	15		3029.627	12		2543.895
18.1 LESS: Prior Year Adv Procurement	A			-275.145			-302.639			-287.240
18.2 LESS: EOQ Payback	Ą			-49.000			-56.000			-45.000
19.0 Net P-1 Cost (17 + 18)	¥			2570.406			2670.988			2211.655
20.0 Advance Procurement, Current Year	A			302.639			287.300			266.800
Other P-1 Weapon System Costs	¥						396.600			412.200
21.1 Initial Spares (BP16)	¥			109.921			0.000			0.000
21.2 Modifications (BP11)	٧			51.250			95.040			97.124
				:						
				4	70			Mean		aionica +
			r-1 Snoppin	P-1 Snopping List Item No. U/	lo. U/			weapon	Weapon System Cost Analysis	St Allalysis
								Ê	Exhibit P-5, page 2 of 13	age 2 of 13

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xhibit P-5, Weapon System Cost Analysis	Date: F	Date: February 2000	
ppropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aricraft Procurement. Air Force. Budget Activity 02. Airlift Aircraft, Item No. 07	P-1 Line Item Nomenclature C-17A (MYP)	ature	
TOTAL PROGRAM 3034.216	3449.928		2987.779
Omments	1		
P-1 Shopping List Item No. 07	Weal	Weapon System Cost Analysis Exhibit P-5, page 3 of 13	st Analysis age 3 of 13

								ć	Date: Eabrige, 2000	0000	
Exhibit P-5A, Procurement History and Planning	HISTO HISTO	ry and Pla	nning					ב 	ie. rebiua	ry 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 07	BA/BS Air F	3A/Item Cont Force, Bu	rol Number udget Act i	ivity 02, ,	Airlift Air	craft, Item		P-1 Line Item Nomenclature C-17A (MYP)	enclature)		
Weapon System					Subline Item						
C-17A											
			Location of	RFP Issue Contract	Contract	Contract		Award	Date of First	Specs Available	Date Revisions
st Elements	ŞŞ	Unit Cost PCO	PCO	Date	Method	Type	Contractor and Location	1 Date	Delivery	Now?	Available?
FY 1998	-	+	201 524 AEMIC/ACC		80	EED	Bosing Airlift and	Dec-07	Δnr-00		
Air Vehicle		₹	AFMC/ASC		00	FFF	Doeing - Allilit and Tankers, Long Beach, CA		Apr-97		
Propulsion	36		4.669 AFMC/ASC		SS	FFP	Pratt & Whitney	Dec-97	Jul-98		
FY 1999											
Air Vehicle	13	180.507	AFMC/ASC		SS	FFP	Boeing - Airlift and Tankers. Long Beach. CA	Dec-98	Jun-00		
Propulsion	52		4.787 AFMC/ASC		SS	FFP	Pratt & Whitney	Dec-98	Jul-99		
FY 2000											
Air Vehicle	15		173.486 AFMC/ASC		SS	FPIS	Boeing - Airlift and Tankers, Long Beach, CA	May-00	Jul-01		
Propulsion	9	5.043	AFMC/ASC		SS	FFP	Pratt & Whitney	Nov-99	Jul-00		
FY 2001											
Air Vehicle	12	182.267	AFMC/ASC		SS	FPIS	Boeing - Airlift and Tankers, Long Beach, CA	Jan-01	Aug-05		
Propulsion	48		5.242 AFMC/ASC		SS	FFP	Pratt & Whitney	Nov-00	Jul-01		
Remarks											
Air Vehicle Unit Cost is total of Airframe and Avionics unit costs from P-5 Exhibit	l of Ai	rframe and	Avionics unit	costs from l	2-5 Exhibit						
Air Vehicle Multi-Year Procurement contract was awarded on 1 Jun 96. The award dates indicated above relied	ureme Johlie	nt contract	was awarded (on I Jun 96. procured in	ine award di each fiscal ve	ates indicated	above reliec				
- The Air Vehicle Contract Type in FY00 & FY01 is Fixed Price Incentive (Successive Target)	pe in I	Y00 & FY	01 is Fixed Pri	ice Incentive	(Successive	Target)					
Propulsion Multi-Year Procurement contract was awarded on 16 Dec 96. The award dates indicated above reflec	remer	it contract w	vas awarded o	n 16 Dec 96.	. The award o	lates indicated	l above reflec				
contract modification dates to obligate funds for the engines procured in each fiscal year The Promission Contract Type is Firm Fixed Price with Escalation	o oblige is Fi	gate funds firm Fixed P	or the engines	procured in	each fiscal ya	ear					
16.											
				4	1 Shopping I	P-1 Shopping List Item No. 07	07	Proc	urement h	Procurement History and Planning	1 Planning
									Exhib	Exhibit P-5A, page 4 of 13	ige 4 of 13
				JNI	N ACCIEIE	LINICI ACCIEIEN DACE 2	N - C				

xhibit P-21, Production Schedule	Sched	<u>=</u>															L			þ	Date: February 2000	Febr	dary	700	þ			Г
ppropriation (Treasury) Code/CC/BA/BSA/Item Control Number	CC/BA/B	SAltem	Control N	lumber													à	Line	Item	ş	P-1 Line Item Nomenclature	atnre		١				Т
ircraft Procurement, Air Force, Budget	t, Air	Force	», Budę	get Activity 02, Airlift Aircraft, Item No. 07	¥.	, 02	, Aii	Ħ	Air	raf	t, Ite	ma	Š.	04			ن	17/	C-17A (MYP)	Z	٦							_
	8		ACCEP.	BALANCE					FISCAL	FISCAL YEAR 1999	\$ 1999									FISC/	FISCAL YEAR 2000	AR 200	2	0000			٠ د	_
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PROCUREMENT YEAR	∝>	QTY	10CT	AS OF 1 OCT) U F	z o >	J E U	- < z	r m w	2 4 X 4 T X	E 4 >	- D Z	רמי	¢ D છ	υшп	C	v 0 >	CEC	- 4 Z	r Ш	Z 4 2	د م. م <i>د</i>	Z 4 >	ZC	(D ()	ошь	- ш ж	
FY 1997 / Lot IX									H	H	H	Н	Ц	Ц	Ц							Н	\dashv	\dashv				7
C-17/Airlift and Tank	USAF	œ	2	9		=	2	\dagger	\exists	+	ert	\perp	4	ot	\perp			T		+	+	\dagger	+	+	+	_		
FY 1998 / Lot X	TICAE	٥		0		†	T	t	\dagger	+	+	+		^	L			T	†-	F	†	t	╞	╀	╀	╀	ľ	lo.
FY 1999 / Lot XI	700	Ì	Ì			T		T	T	H	+	H	-	L	L						H	H	Н	Н	Н	Ц		П
C-17/Airlift and Tank	USAF	13	0	13		П	П	H	Н	H	H	Н	Ц	Ц	Ц			П	П	H	H	H	Н				6	٦
FY 2000 / Lot XII						\dagger		\dagger	\dagger	+	+	+	\downarrow	\downarrow	1			1	\dagger	1	†	\dagger	\dagger	+	+	+	7	T,
C-17/Airlift and Tank	OSAF	2	0	CI	I	T	T	\dagger	\dagger	+	+	+	+	\downarrow	1			T	\dagger	t	t	t	\dagger	╁	╀	+		T
C-17/Airlift and Tank	USAF	12	0	12		П	Π	П	Н	H	H	\parallel	\sqcup	\sqcup	Ц	Ц		П		П	Н	H	H	Н	Н	\sqcup	2	~
FY 2002 / Lot XIV									\forall	\dashv	+	+	+	\downarrow	_			1	1	1	+	\dagger	\dagger	+	+	4	-	٦.
C-17/Airlift and Tank	USAF	15	٥	15		1	T	†	\dagger	+	+	+	\downarrow	\downarrow	\perp			1	Ť	†	\dagger	\dagger	\dagger	+	+	ļ		Ţ
F Y 2003 / LOCAY	USAF	8	0	8	[T		T	 	+	+	+	\perp	Ļ	L			T	T	t		Н	Н	Н	H	\sqcup	8	œ
FY 2003 / Add'l SOLL II Aircraft							П		H	Н	Н	Н	Ц	Ц	Ц			T	П		H	H	\forall	H	\dashv	_		Τ,
C-17 / Boeing - Airlift and Tankers	USAF		•		\int	1	T	1	\dagger	+	+	+	+	\downarrow	\downarrow			T	\dagger	†	\dagger	\dagger	\dagger	+	+	+		T
FY 2004 / Add SOLL Aircraft	TICAE	ľ	١			Ţ		Ť	\dagger	+	+	+	+	1	\downarrow			T	T	T	t	\dagger	t	╁	╀	1	ľ	<u>ر</u>
FV 2005 / Add'l SOLL II Aircraft	USAL				\prod	T		T	\dagger	+	+	+	ig	Ļ	\perp			T	T		t	t	t	H	H	\sqcup		
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oeing - Airlift and Tank		Long Beach, CA	ch, CA	9	_	\prod	2			1					꿆.	PRIOR	AFTER	田	-	IME		Ξ	10CT					
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EMARKS The forecast Alabitation of the additional 14 Special (Poerations Low Level (SOLL). If aircraft are only projected dates, these aircraft have not been placed on contract.	nal 14 Spec	ial Operatio	ava I aw	SOLL) II ai	rcraft a	re only	project	ed dates	s. these	aircraft	have n	of beer	1 place	ion co	ntract.											l		Т
de la company de										1																		
he forecast delivery dates reflect the MYP contract dates with the exception of the	'P contract	dates with t	ne exception	of the Lot A V delivenes. Actual delivenes have been carrier.	deliver	les. Ac	mai dei	venes	nave oe	en carii	E																	
he FY03 - FY05 production deliveries reflect a lower production rate.	flect a low	r productio	n rate.																			l		l				Т
						_	2-1 S	hopp	jing l	P-1 Shopping List Item No. 07	tem	No.	07									ŭ	P P	rodu t P-2	ctio	n Scl age	Production Schedule Exhibit P-21, page 5 of 13	<u>a</u> ω
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Exhibit P-21 (2), Production Schedule	n Sche	dule																		Da	te:	Date: February 2000	rany,	2000	(
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	C/BA/BS	A/Item C	ontrol N	ımber													<u>P</u> -1	Line	P-1 Line Item Nomenclature	No E	encla	atrice					
Aircraft Procurement, Air Force, Budget	, Air F	orce,	Budg	et Activity 02, Airlift Aircraft, Item No. 07	<u> Vit</u>	02,	Air	Œ/	Air c	raft	; te	Ε	ġ	07			<u>ပ</u> ဲ	17A	C-17A (MYP)	YP							
	۱,	F		BALANCE				Œ	ISCAL	FISCAL YEAR 2001	2001				Н				1	TSCA	L YEA	FISCAL YEAR 2002					Г
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PROCUREMENT YEAR	2 K >	QTY	20C1	AS OF 1 OCT 2000	0 U F	z o >	O E O	z	E E E	A 4 8	X 4 >	- > z	רמי	∀ ⊅ÿ	SE	0 U F	z o >	СШО	-	B I	M A M	A A Y	- DZ	ron	A U G	NE	- EI K
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C-17 Airlift and Tankers	USAF	*	*	٥		t	T	\dagger	╀	+	\downarrow	\perp			T	t	\dagger	t	╁	+	+	╀	\downarrow	1	L		
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C-17 Airlift and Tankers	USAF	13	4	6	1	+	+	\dagger	+	-	_	_			Ť	T	\dagger	\dagger	╁	+	+	+	\downarrow	\downarrow			0
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C-17 Airlift and Tankers	USAF	12	0	12	I	T	T	\dagger	+	+	-	1	\perp		Ť	T	\dagger	t	\dagger	+	+	+	\downarrow	\downarrow	1		IO
	USAF	15	0	15			H	+	\dagger	H	H	Ц	Ц		П	Ħ	Н	Н	Н	Н	Н	Н	Н	\coprod	Ц		15
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irlift and Tankers	USAF	®	٥	8		T	Ť	\dagger	+	+	4	1			†	T	\dagger	\dagger	+	+	+	╁	+	1			×
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C-17 / Boeing - Airlitt and Tankers C-17 / Boeing - Airlitt and Tankers	DSAF.	1		-		T	T	\dagger	+	╀	╀	ļ	L		T	T	t	T	t	╁	\dagger	$\frac{1}{1}$	ļ	L			
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П						1	1	1	+	1	\downarrow	\perp	\downarrow		7	1	1	†	+	+	+	+	4	4	\downarrow		9
/ Boeing - Airlift and Tankers	USAF	∞	0,	∞ [ŀ	ŀ	1	†	+	+	<u> </u>	_	_	ŀ	†	┮	╁	T	╁	+	+	+	-	ļ	_	-	47
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				PRODUCTION RATES	N RAJ	ES									ROCL	JREM	PROCUREMENT LEAD		TIME					4			
MANIFACTIRER'S NAME		LOCATION		MIN SUST	SHIFT HOURS DAYS	. 8	ĭ ∢×	REA	REACHED D+						T	ADMIN LEAD TIME	IIN		ΣF	MFG		TOTAL	AL ER				
Boeing - Airlift and Tankers		Long Beach, CA	,CA	9	1/8/5	П	15								PRIOR 1 OCT	% 5	AFTER 1 OCT	张上	•	- 1		≗	ᆸ	T			
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The forecast delivery dates reflect the MYP contract dates with the exception of the	contract d	ates with the	exception o	of the Lot XV deliveries. Actual deliveries have been earlier.	deliveri	es. Act	ıal deliv	veries h	ave bee	n earlie	ų.																
The FY03 - FY05 production deliveries reflect a lower production rate.	ect a lower	production	rate.															İ									
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xhibit P-21 (3), Production Schedule	on Sch	edule																	Ω	ate:	Date: February 2000	'uary	50	0		
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FY 2004 / Add! SOLL II Aircraft							F	F	L			-	H	H	L	L	L			Н			_			
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The forecast delivery dates for the additional 14 Special Operations Low Level (SOLL). Il atterant are only projected dates, these aircrant have not been placed on contract.	al Operations	s Low Leve	el (SOLL) II i	ircraft 8	re only	projecte	d dates,	these an	craft h	ive not	peen pia	iced on	contrac	ے												
The forecast delivery dates reflect the MYP contract dates with the exception of the Lot XV deliveries. Actual deliveries have been earlier.	ates with the	exception	of the Lot XV	deliven	es. Act	al deliv	eries ha	ve been	earlier.																	
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The FY03 - FY05 production deliveries reflect a lower production rate.	r production	rate.															1									Т
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Exhibit P-21 (5), Production Schedule	edule																			: Le	Date: repruary zooo	ارک اح	ş			
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	SA/Item C	ontrol N	umber													P-1 L	ine It	em N	P-1 Line Item Nomendature	clatu	ē					
Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 07	Force,	Budg	jet Acti	<u>Xi</u>	05	Ai	ift,	₫ir c	raft	, te	E	<u>.</u>	22			<u>:</u>	₹	C-17A (MYP)	<u>e</u>							
v		ACCEP.	BALANCE				"	FISCAL YEAR 2007	YEAR	2007				Н			-	FIS	FISCAL YEAR 2008	EAR?	8003	200	٩	١	$\overline{}$	<u>ا</u> -
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PROCUREMENT YEAR R	QTY	1 OCT 2006	1 OCT 2006	C L	z o >	J III O	- < Z	B B R	< n ×	₹ ∢ ≻	, p z	ר כי	0 C	о EI EI	0 F	(O E	. 4 Z	. ш м	< ∞	. u. u.	< ≻	ÞΖ	נם.	D G		E Z
FY 2005 / Add'l SOLL II Aircraft					П		H	H	\dashv				+	\dashv	+	+	\downarrow	1	4			_	+	+	+	í
C-17 / Boeing - Airlift and Tankers USAF	8	2	9		+	1	+	+	1	_		Ī	+	+	+	+	+	+	\perp				+	+	+	9
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MANUFACTURER'S NAME Boeing - Airlift and Tankers	LOCATION Long Beach, CA	₹ S	9			× 2		å å	T					PRIOR	\vdash	AFTER	T	TIME	<u>т</u>)		1 OCT					
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REMARKS				·																						T
The forecast delivery dates for the additional 14 Special Operations Low Level (SOLL) II aircraft are only projected dates, these aircraft have not been placed on contract.	ial Operations	Low Leve.	(SOLL) II ai	rcraft a	re only	project	d dates,	these a	ircraft	ave no	t been p	placed c	n contr	act.												
The forecast delivery dates reflect the MYP contract dates with the exception of the Lot XV deliveries. Actual deliveries have been earlier.	lates with the	exception c	of the Lot XV	deliven	es. Ac	ual deli	veries h.	ave been	n earlic	ن																
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The FY03 - FY05 production deliveries reflect a lower production rate.	r production i	are.																								
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Exhibit P-43 p.1, Simulator and Training Device Justification (\$ M)	and Training De	vice Justification	1 (\$ M)			P	Date: February 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	/BA/BSA/Item Conti	ol Number				P-1 Line Item Nomenclature	enclature	
Aircraft Procurement, Air Force, Budget A	Air Force, Bı	udget Activity	02, Airlift Ai	ctivity 02, Airlift Aircraft, Item No. 07	0. 07	C-17A (MYP)		
Weapon System C-17A								
Equipment Nomenclature: Unit Training Device (UTD)	it Training Devic	e (UTD)						
Fin Plan	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	Total
Quantity	1	-	2	0	0	0	0	4
Proc	28.700	009:09	40.800	23.200	11.900	1.100	0000	166.300
TRAINING SYSTEM DESCRIPTION	RIPTION							
Aircrew Training System (ATS): (Quantity of 4 in above tab): (Ouantity of 4 in	above table):						

(CCTs), and Cockpit Systems Simulators (CSSs). The blend or mix of the components depend on the base or schoolhouse that they are being delivered to. The bases are: Provides initial and continuous training for C-17 aircrew members. Training will be totally contractor administered and supported, with Air Mobility Command (AMC) evaluating the final product, a fully qualified member. The training system will be developed concurrently with the aircraft development and production. The Aircrew Training System (ATS) consists of: Weapon System Trainers (WSTs), Computer Based Trainers (CBTs), Loadmaster Stations (LSs), Cargo Compartment Trainers Charleston AFB, Altus AFB, McChord AFB, and Jackson AFB.

Maintenance Training System (MTS):

The system is designed to reduce the maintenance training level to the lower skill levels. The system will employ accessibility, repairability, and interchangeability features. Integration will be with the aircraft development and production.

P-1 Shopping List Item No. 07

Exhibit P-43 p.1, page 10 of 13 Simulator and Training Device Justification (\$ M)

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Exhibit P-43 p.2, Simulator and Training Device Justification (\$ M)	ulator and Trai	ining Device	Justification	(\$ M)				Date: F	Date: February 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	ode/CC/BA/BSA/li	tem Control Num	ber	: A #: -: A C		M. 07	P-1 Line	P-1 Line Item Nomenclature	ure	
Alicial Floculellell, All Folce, Budget Activity 02, All III All clair, item NO. 01	ielit, Ali ro	ice, buuge	L ACLIVILY U	ב, אוווור צו	ाटावार, गडा	20.00	2	(11111)		
Weapon System C-17A										
Equipment Nomenclature: Unit Training Device (UTD)	ıre: Unit Trainiı	ng Device (UTI	((
IOC Date										
TRAINING	SITE	DELIVERY	READY	AVG	FY 1999	666	FY?	FY 2000	FY 2001	2001
DEVICE		TIME	TRAINING	STUDENT						
BY TYPE			DATE	THROUGH	QTY	COST	QTY	COST	QTY	COST
AIRCREW	Charleston AFB						1	14.800		
AIRCREW	Altus AFB				I	14.700				
AIRCREW	McChord								1	14.900
AIRCREW	Tackson AFB								-	14.900
- L	T TO THORNOOM					14 000		76 900	1	11,000
Concurrency and						14.000		45.800		11.000
Software										
TOTAL					-	28.700		60.600	2	40.800
					,					
				P-1 Shopping	P-1 Shopping List Item No. 07	. 07	Simulator	Simulator and Training Device Justification (\$ M)	Device Justi	fication (\$ M)
								Expi	bit P-43 p.2,	Exhibit P-43 p.2, page 11 of 13
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		TOTAL DOLLAR	EXHIDIT P-43 p.3, SIMUIATOF AND FRAIMING DEVICE SUSTINICATION (\$ IM)	-				Date: rep	Date: February 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget A	Air Force,	Sontrol Number Budget Ac	tivity 02,	er Activity 02, Airlift Aircraft, Item No. 07	aft, Item N	0. 07	P-1 Line Item Nome C-17A (MYP)	P-1 Line Item Nomendature C-17A (MYP)	o,	
Weapon System C-17A										
Equipment Nomenclature: Aircrew Trainers	rcrew Trainer	Ş								
Description:										
Aircrew Training System (ATS): Provides initial and continuous training to C-17 aircrews.): Provides ini	tial and continu	ous training to	C-17 aircrews.						
EDIANICIAI DI ANI	FY	FY 1999	FY 2000	000	FY 2001	001	To Complete	nplete	Total Costs	Costs
FINANCIAL FLAIN	QTY	COST	QTY	COST	QTY	COST	QTY	COST	QTY	COST
Hardware Costs		,								
Device (Hardware)	1	14.700	1	14.800	2	29.800				
Concurrency Updates		5.900		11.500		2.200		18.100		
Total Hardware Costs	1	20.600	1	26.300	2	32.000		18.100		
Support Costs										
Total Support Costs										
TOTAL COSTS	1	20.600		26.300	2	32.000		18.100		
מזמממ קטומו										
										4
			ፈ	P-1 Shopping List Item No. U/	st Item No. U/		Simulator a	Simulator and Training Device Justification (\$ m) Exhibit P-43 p.3, page 12 of 13	evice Justil t P-43 p.3, p	ning Device Justinication (\$ m) Exhibit P-43 p.3, page 12 of 13
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Exhibit P-43 p.4. Simulator and Training Device Justification (\$ M)	and Training	1 Device Justin	ication (\$ M					Date: Fet	Date: February 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget A	S/BA/BSA/Item (Sontrol Number Budget Ac	tivity 02, /	er Activity 02, Airlift Aircraft, Item No. 07	aft, Item N	lo. 07	P-1 Line C-17A	P-1 Line Item Nomenclature C-17A (MYP)	φ	
Weapon System C-17A										
Equipment Nomenclature: Maintenance	aintenance									
Description:										
Maintenance Training System (MTS): Upgrades the devices necessary to reduce the maintenance manning level and training required to the lowest level.	(MTS): Upgra	des the devices n	ecessary to re	duce the mainte	enance mannir	ng level and trai	ning required	to the lowest le		
FINANCIAL PLAN	FY	FY 1999	FY 2000 OTY (000 COST	FY 2001 OTY	COST	To Co OTY	To Complete Y COST	1 otal Costs OTY C	COST
Hardware Costs	, , , , , , , , , , , , , , , , , , ,	1 200					\			
Device (Hardware)										
Concurrency Updates		8.100		34.300		8.800		18.100		
Total Hardware Costs		8.100		34.300		8.800		18.100		
Support Costs										
Total Support Costs										
Total Support Cosm										
							!			
TOTAL COSTS		8.100		34.300		8.800		18.100		
			ď	P-1 Shopping List Item No. 07	st Item No. 0	4	Simulator a	Simulator and Training Device Justification (\$ M) Exhibit P-43 p.4, page 13 of 13	Device Justil it P-43 p.4, p	ning Device Justification (\$ M) Exhibit P-43 p.4, page 13 of 13
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Exhibit P-40 Budget Item Justification	ustification								Date: February 2000	uary 2000	
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	/BA/BSA/Item	Control Number	5					P-1 Line Item	P-1 Line Item Nomenclature		
Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 08	Air Force	, Budget	Activity 0	2, Airlift /	Aircraft, II	em No. 0		C-17 Adv	ance Pro	C-17 Advance Procurement	
Program Element for Code B Items:	ems:	N/A			Other Relate	Other Related Program Elements:	ements:				
	ID Code	Prior Years FY 1999		FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2005 To Comp Total	Total
Proc Qty	A										
Cost (\$ M)											
Interim Ctr Support (\$ M)											
Advance Proc Cost (\$ M)			302.639	287.300	766.800	145.700	107.500	175.400			1285.339
Weapon System Cost (\$ M)			302.639	287.300	266.800	145.700	107.500	175.400			1285.339
Initial Spares (\$ M)											
Total Proc Cost (\$ M)			302.639	287.300	266.800	145.700	107.500	175.400			1285.339
Flyaway Unit Cost (\$ M)											
Wpn Sys Unit Cost (\$ M)											

Description

Develops and procures C-17 Airlift Aircraft which will provide an additional increment of needed airlift capability to meet both strategic (long range) and tactical (theater) requirements. Allows rapid and timely inter and intratheater deployment, employment, and resupply of combat forces to meet mobility requirements of theater CINCS. Provides intratheater outsize/airdrop capability not available now. Will provide force modernization and replace lost capability of retiring C-141 aircraft.

FY 2001 Program Justification

FY 01 funding will provide for the advance procurement for the 15 aircraft to be procured in the FY 02 lot buy.

P-1 Shopping List Item No. 08

Budget Item Justification Exhibit P-40, page 1 of 3

Exhibit P-10 p.1, Advance Procurement Requirements Analysis Page 1 - Funding)	ocurement Re	equirements	Analysis						Date: February 2000	iary 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	A/BSA/Item Con	itrol Number					<u>.</u>	P-1 Line Item Nomendature	omendature	•	
Aircraft Procurement, Air Force, Budget	ir Force, B	udget Ac	tivity 02,	Airlift Air	Activity 02, Airlift Aircraft, Item No. 08	n No. 08	<u>ပ</u>	-17 Adva	C-17 Advance Procurement	urement	
Weapon System					First System Award Date	Award Date			First System Completion Date	Completion	Date
C-17AP											
	1 d nx	6	1000	(\$ in M	(\$ in Millions)	EV 2002	EV 2003	FV 2004	FV 2005	To Comp	Total
<u>Description</u> PL1	when Kga	rnor rears	F1 1999	F I 2000	F I 2001	F 1 2002	F 1 2002	1.1 7001	C007 1 1	100001	124
End Item Qty		27	13	CI	121	CI	9	C	0		tC1
CFE		1773.300	276.900	277.500	266.800	145.700	95.000	152.000			2987.200
GFE		151.400	25.739	008.6	0.000	0.000	12.500	23.400			222.839
E00											
Design											
Term Liability											
						1		007 207			0000000
TOTAL AP		1924.700	302.639	287.300	266.800	145.700	107.500	175.400			3210.039
Description: The original C-17 funding provided for 15 aircraft procurement in FY01. The Air Force deferred purchase of three C-17 FY01 aircraft to FY03 to fund more immediate service priorities, while maintaining the integrity of the current multi-year contract.	ed for 15 aircra ing the integrity	ıft procuremer 7 of the curren	ıt in FY01. T t multi-year o	The Air Force contract.	: deferred pur	chase of thre	e C-17 FY01	aircraft to F	Y03 to fund	more immedi	ate
To ensure the original delivery schedule is unaffected, the Air Force intends to obligate all of the appropriated FY00 advance buy funds to protect a 15-5-5 buy profile even though the proposed FY01 President's Budget buy profile will be 12-15-8 (FY01 - 03). By obligating funds for the advanced buy of 15 aircraft, the Air Force fully protects the vendor base and ensures no break in the original production delivery schedule.	thedule is unaff lent's Budget bu reak in the orig	ected, the Air ty profile will inal productio	Force intend be 12-15-8 (n delivery sc	s to obligate FY01 - 03). hedule.	all of the appi By obligating	ropriated FY(00 advance b advanced b	uy funds to _I uy of 15 airc	protect a 15-5 raft, the Air]	5-5 buy profil Force fully p	e even otects
First System Award Date reflects the planned Lot XIII (FY2001 aircraft buy) contract obligation date.	the planned Lo	ot XIII (FY200)1 aircraft bu	y) contract ol	bligation date						
First System Completion Date reflects the first aircraft delivery for Lot XIII (FY2001 aircraft buy).	flects the first a	ircraft deliver	y for Lot XII	I (FY2001 ai	rcraft buy).						
			Ų.	1 Shopping	P-1 Shopping List Item No. 08	9. 08	¥	Ivance Pro	Advance Procurement Requirements Analysis (Page 1 - Funding) Exhibit P-10 p.1, page 2 of 3	tequiremen (Page 1 it P-10 p.1,	nent Requirements Analysis (Page 1 - Funding) Exhibit P-10 p.1, page 2 of 3
			CIAIL	TI COV	1000	97 0					

Exhibit P-10 p.2, Advance Procurement Requirements Analysis (Page 2 - Budget Justification)	ıent Requirements A	nalysis			Date: February 2000	ary 2000
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget A	em Control Number	Activity 02, Airlift Aircraft, Item No. 08	rcraft, Item No.		P-1 Line Item Nomendature C-17 Advance Procurement	urement
Weapon System C-17AP						
		(TOA, \$ i	(TOA, \$ in Millions)			
Description	T.Iq	OPA	Unit Cost	FY 2001 OTY	FY 2001 Contract Forecast Date	FY 2001 Total Cost Request
End Item	****				12 Jan-01	266.800
LLAN						008 990
CFE						0.000
ЕОО						
Design						
Term Liability						
TOTAL AP						266.800
Description:		P-1 Shopping	P-1 Shopping List Item No. 08	Adva	Advance Procurement Requirements Analysis	rement Requirements Analysis
					Exhibit	Exhibit P-10 p.2, page 3 of 3

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Exhibit P-40, Budget Item Justification	Justification								Date: Feb	Date: February 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	3/BA/BSA/Item	Control Number	je.					P-1 Line Item	P-1 Line Item Nomenclature	4	
Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 09	Air Force	, Budget	Activity ()2, Airlift /	Aircraff, l	em No. 0		C-17 ICS			
Program Element for Code B Items:	ems:	N/A			Other Relate	Other Related Program Elements:	ements:				
	ID Code	Prior Years	FY 1999	FY 2000	FY 2001 FY 2002	1 1	FY 2003	FY 2004	FY 2005	FY 2005 To Comp Total	Total
Proc Qty	A										
Cost (\$ M)											
Interim Ctr Support (\$ M)				396.600	412.200	437.200	440.300				1686.300
Advance Proc Cost (\$ M)											
Weapon System Cost (\$ M)				396.600	412.200	437.200	440.300				1686.300
Initial Spares (\$ M)											
Total Proc Cost (\$ M)				396.600	412.200	437.200	440.300				1686.300
Flyaway Unit Cost (\$ M)											
Wpn Sys Unit Cost (\$ M)											

Description

ICS+ is traditional ICS with the addition of Public-Private Partnerships (PPPs) between the prime contractor and the ALC infrastructure. The prime contractor has program and materiel management and management responsibilities, using a series of fixed price incentive and fixed price contracts over an eight-year period, based on agreed-to The C-17 Flexible Sustainment creates a C-17 commercial-like support structure that maintains the desired aircraft configuration using ICS+ and cost control incentives. weapon system performance standards and within the C-17 budget.

Flexible Sustainment has been on contract since Dec 97 and is now building toward a proof of concept period (FY01-03). A long term depot support decision is planned for FY03.

FY 2001 Program Justification

Process (RSSP). This single contract incorporates all supply support requirements, including all spare parts support, determined by collected failure rates during an interim The C-17 program has awarded a single overarching contract for Flexible Sustainment to include all initial spares support as part of the Reengineered Supply Support period. The contractor will provide all spare parts as a service under this contract to achieve agreed to performance criteria.

Exhibit P-40, page 1 of 1 P-1 Shopping List Item No. 09

Budget Item Justification

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Exhibit P-40, Budget Item Justification	ustification								Date: Feb	Date: February 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Numb	'BA/BSA/Item	Control Number	L.			:		P-1 Line Item	P-1 Line Item Nomenclature	0	
Aircraft Procurement, Air Force, Budget	Air Force		Activity 0	2, Airlift	Activity 02, Airlift Aircraft, Item No. 10	tem No. '	01	WC-130J			
Program Element for Code B Items:	:ms:	N/A			Other Relate	Other Related Program Elements:	lements:		41132F		
	ID Code	ID Code Prior Years	FY 1999 FY 2000	FY 2000	FY 2001	FY 2002	FY 2003	FY 2001 FY 2002 FY 2003 FY 2004 FY 2005 To Comp Total	FY 2005	To Comp	Total
Proc Qty	A	8	1								6
Total Proc Cost (\$ M)		421.700	74.451								496.151

Description

The WC-130J is the weather reconnaissance version of the C-130J. It provides immediate response for observation and reporting of severe weather conditions (hurricanes) for transmission to the National Oceanographic and Atmospheric Administration (NOAA). The WC-130s routinely fly 10-12 hour missions originating from Keesler AFB

Lockheed Martin Aeronautical Systems built the basic C-130J platform and under a separate contract, converted the aircraft into the WC-130J Weatherbird configuration.

The Air Force is designated Executive Service for the C-130 production aircraft.

One C-130J in FY97 was procured and transferred to the WC-130J mission.

FY 2001 Program Justification

An additional WC-130J was funded in FY97 in the C-130J line for a total of 10 WC-130Js. Logistics and training support for the 10 WC-130J aircraft is included in the FY01 C-130J budget request.

P-1 Shopping List Item No. 10

Budget Item Justification Exhibit P-40, page 1 of 5

				ONOLASSII ILD						
Exhibit P-5, Weapon System Cost Analysis								Date: February 2000	uary 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	ol Number						P-1 Line Item Nomenclature	lomenclature		
Aircraft Procurement, Air Force, Budget	•	ctivity 02	2, Airlift A	Activity 02, Airlift Aircraft, Item No. 10	m No. 1		WC-130J			
Manufacturer's Name/Plant City/State Location				Subline Item						
Lockheed Martin Aeronautical Systems/Marietta/Georgia	reorgia			WC-130J (BPAC 10400W)	AC 10400	V)				
Weapon System	Ident				Total Cos	Total Cost In Millions of Dollars	of Dollars			
Cost Elements	Code		FY 1999			FY 2000			FY 2001	
		į	115.40	Total	į	This Cost	Total	į.	TImit Cout	Total
Avionice	4	3	OIIII COSt	52.900	3	Ollif Cost	COS	(1)	OIIII COSI	100
Armament	: <									
Coffigurate										
Other Government Furnished Equipment (GFE)	A									
Engineering Change Orders (ECO)	A									
Nonrecurring Costs	A			12.700						
Other Costs	A			0.200						
FLYAWAY COST SUBTOTAL	A			65.800						
Airframe Peculiar Ground Support Equipment (PGSE)	V			4.500						
Engine PGSE	A						-			
Peculiar Training Equipment	A									
Publications/Technical Data	Ą									
ECOs	Ą									
ICS	Ą			3.100						
ISS	A									
Other	Ą			1.051						
SUPPORT COST SUBTOTAL	А			8.651						
MODs	A									
Initial Spares	Α									
TOTAL PROGRAM				74.451						
Comments										
			P-1 Shoppin	P-1 Shopping List Item No. 10	0. 10			Weapon	Weapon System Cost Analysis	st Analysis
			N N	HINGI ASSIETED DAGE 2	cc				- VIIIDIE 1 - 01	page 2 of 5

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Exhibit P-5A, Procurement History and Planning	Histo	y and Plai	nning					ם ב	ale. rebiua	11y 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget A	/BA/BS Air F	A/Item Contr.	rol Number Idget Acti	vity 02,	Airlift Air	Activity 02, Airlift Aircraft, Item No. 10		P-1 Line Item Nomenclature WC-130J	nenclature		
Weapon System					Subline Item						
WC130J											
			Location of	RFP Issue Contract	Contract	Contract		Award	Date of First	Specs Available	Date Revisions
WBS Cost Elements	Qty	Unit Cost PCO		Date	Method	Type	Contractor and Location		Delivery	Now?	Available?
Lockheed Martin	3	_	FB	-95	၁	FFP	Lockheed Martin	Aug-97		Yes	
Aeronautical Systems							Aeronautical Systems, Marietta GA				
Lockheed Martin	-	47.100	47.100 WPAFB	May-95	၁	FFP	Lockheed Martin	Aug-97	Nov-99	Yes	
Aeronautical Systems							Aeronautical Systems, Marietta GA		,		
Lockheed Martin	3	_	47.400 WPAFB	May-95	C	FFP	Lockheed Martin	Aug-97	Oct-99	Yes	
Aeronautical Systems							Aeronautical Systems, Marietta GA				
Lockheed Martin	2	L	48.200 WPAFB	May-95	C	FFP	Lockheed Martin	Dec-97	Dec-99	Yes	
Aeronautical Systems				•			Aeronautical Systems,				
•							Marietta GA				
Lockheed Martin	_	50.000	50.000 WPAFB	May-95	၁	FFP	Lockheed Martin	Jul-99	Dec-00	Yes	
Aeronautical Systems							Aeronautical Systems,	•			
				į			Marietta GA				
Remarks											
One WC-130J was procured with FY97 C-130J Air Force	th FYS	7 C-130J A		and was tr	ansferred to A	FRC for the w	funds and was transferred to AFRC for the weather reconnaisance mision.	nision.	3		
				P.	1 Shopping	P-1 Shopping List Item No. 10	10	Pro	curement	Procurement History and Planning	1 Planning
									Exh	Exhibit P-5A, page 3 of 5	age 3 of 5
				CNII	I ASSIFIE	IINCI ASSIFIED PAGE 2 - 23	- 23				

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Afficiency Conditionary Condi	Appropriation (Treasury) Code/CC/BA/BS Aircraft Procurement, Air F Aircraft Procurement, Air F CHANANUFACTURENT YEAR CHANAS/1996 CHANAS/1996 CHANAS/1998 CHANAS/1999 CHANAS/1999 CHANAS/1999 CHANANUFACTUREN'S NAME Lockheed Martin Aeronautical Systems REMARKS TREMARKS The FY99 aircraft delivers in Dec 00.	Force, Bt Force, Bt From Accident Control PROC. TC QTY 10C 10C 10C LOCATION Marietta GA	ol Numb	e Activ										1	-1 Lin) Item	Nome	ınclatı	ā				
Victor V	rocurement, Air F S S JFACTURER S AIENT YEAR V V S S S S S S S S S S S S S S S S S	FOCC, BL ACCI PRIC PRIC TC QTY 1 OC 19 1 1 10 LOCATION Marietta GA	AC O O O O O O O O O O O O O O O O O O O	Activ	•									1		•			D				
Tribery 1	TURER E YEAR V USAF USAF USAF INCAI Systems	ACC. PROC. TC QTY 109 199 199 100 Marietta GA			ity 0	2, A	irlift,	Aircr	aft, I	tem	Š.	10		_	ζ.	307	_						
1982 1982 1982 1983 1984 1984 1984 1985 1984 1985	TURER R R V V V V USAF USAF USAF USAF USAF USAF USAF Systems in Dec 00.	PROC. TC QTY 1 OC 199 199 199 199 199 199 199 199 199 19		ANCE		وا	" -	TSCAL Y	EAR 19	9	DVEAD	1000	\dashv				FISCAL	YEAR	2000	OC QV	٤		
USAF	USAF USAF USAF USAF Itical Systems			S OF TOO	<u> </u>	1	 			X A M LENDA	L U J		\vdash	-	OBO		B A N	RPA	M A Y	ެ⊃z	-	 	(H E &
USAPP 1	USAF USAF USAF Itical Systems s in Dec 00.	4 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0000	3	┨	Н	Н	Н		H	Н		H			H	H				H	H	
USANF 2 0 0 0 0 0 0 0 0 0	USAF INGE Itical Systems s in Dec 00.	2 1 10 10 Marietta GA	000	4	+	_	1	+	1	+		1	+	_	ŀ	\dagger	+	_	1	T	\dagger	+	1
10	IME tical Systems s in Dec 00.	10 LOCATION Marietta GA	0	7	+	\downarrow	1	$\frac{1}{1}$	1	-	1	\dagger	+	_	1	+	+	╀		t	\dagger	+	L
C	itical Systems Systems s in Dec 00.	LOCATION Marietta GA		9	-					-			-	2 1			-	3			Н	Н	
NATION SUST NATION SUST NATION SUST NATION SUST NATION SUST NATION SUST NATION SUST NATION SUST NATION SUST NATION SUST NATION SUST NATION SUST NATION SUST NATION SUST NATION SUST NATION SUST NATION SUST S		LOCATION Marietta GA						 	< 4 α						QΒU	- 4 Z				r D Z			
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Marcial Columbia Marcial Col		Marietta GA	SUS		SHIFT		E E	CHED T					E A	A TIME	ш	2	Đ.		TOTAL AFTER	1			
REGNDER 1021 REGND	delivers in Dec 00.		$\left \cdot \right $				<u> </u>					<u> </u>	PRIOR	\vdash	H S	F	ME		1001				
P-1 Shopping List Item No. 10	delivers in Dec 00.		+	1		_	<u> </u>		INITA	ᆟ		_!_	3	+-	3			+					
P-1 Shopping List Item No. 10	delivers in Dec 00.						Г		REOR	DER				Н				Н		П			
P-1 Shopping List Item No. 10	delivers in Dec 00.																						
P-1 Shopping List Item No. 10															ļ								
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Exhibit P-21, page 4 of 5						7	Shopp	ing Li	st Iten	So.	9									Prod	luctic	S S S	hedu
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Exhibit P-40, Budget Item Justification	ustification								Date: Feb	Date: February 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	/BA/BSA/Item	Control Numb	ē					P-1 Line Item Nomenclature	Nomenclatur		
Aircraft Procurement, Air Force, Budget	Air Force	, Budget	Activity 02, Airlift Aircraft, Item No. 11	2, Airlift /	Aircraft, I	tem No. 1	4	EC-130			
Program Element for Code B Items:	ems:	N/A			Other Relate	Other Related Program Elements:	lements:		41132F		
	ID Code	ID Code Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 1999 FY 2000 FY 2001 FY 2002 FY 2003 FY 2004 FY 2005 To Comp Total	FY 2005	To Comp	Total
Proc Qty	Ą	2	1	1							4
Total Proc Cost (\$ M)		141.300	83.931	87.075							312.306

Description

The EC-130J is a derivative of the C-130J. The aircraft is used to conduct special missions such as psychological operations, civil affairs radio and television broadcasts, Command and Control Countermeasures and limited intelligence gathering. Lockheed Martin Aeronautical Systems provides the basic C-130J platform to the Air Force. Under a seperate contract, Lockheed Martin Skunk Works converts the aircraft into the EC-130J Commando Solo configuration. This conversion includes removing existing mission equipment from EC-130E Commando Solos and integrating them onto the EC-130J aircraft.

The Air Force is the designated Executive Service for the C-130 production aircraft.

FY 2001 Program Justification

These aircraft are congressionally added.

Logistics and training support for the EC-130J aircraft is included in the FY01 C-130J budget request.

P-1 Shopping List Item No. 11

Budget Item Justification Exhibit P-40, page 1 of 5

Exhibit P-5, Weapon System Cost Analysis	•							Date: February 2000	uary 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Numbe	rol Number						P-1 Line Item Nomendature	lomenclature		
Aircraft Procurement, Air Force, Budget	-	ctivity 02	., Airlift A	Activity 02, Airlift Aircraft, Item No. 11	m No. 11		EC-130J		:	
Manufacturer's Name/Plant City/State Location				Subline Item						
Lockheed Martin Aeronautical Systems, Marietta GA	GA									
Weapon System	Ident				Total Cost	Total Cost In Millions of Dollars	of Dollars			
Cost Elements	Code		FY 1999			FY 2000			FY 2001	
		į	Thit Cost	Total Cost	Ött	I Init Cost	Total	Ď	1soJ tial1	Total
Avionics	A) -	OIIII COSt	73.000	(£)	OIIII COSt	74.190		1600 11110	1600
Armament	V									
Software	A									
Other Government Furnished Equipment (GFE)	Ą									
Engineering Change Orders (ECO)	A			0.900			1.000			
Nonrecurring Costs	A									
Other Costs	Α									
FLYAWAY COST SUBTOTAL	A			73.900			75.190			
Airframe Peculiar Ground Support Equipment (PGSE)	A			2.400						
Engine PGSE	Y									
Peculiar Training Equipment	Α									
Publications/Technical Data	A			7.631			1.001			
ECOs	A									
Other	A						10.884			
SUPPORT COST SUBTOTAL	А			10.031			11.885			
МОД	Α				:					
TOTAL PROGRAM				83.931			87.075			
Comments										
			P-1 Shoppin	P-1 Shopping List Item No. 11	o. 11			Weapon	Weapon System Cost Analysis Exhibit P-5, page 2 of 5	st Analysis page 2 of 5
			LICOT		30					

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Exhibit P-5A, Procurement History and Planning	Histo	ry and Pla	guluu						חמוב.	abi dai y	2007	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 11	XBA/BS Air F	3A/Item Cont Force, B	trol Number udget Acti	ivity 02,	Airlift Airc	craft, Item		P-1 Line Item Nomenclature EC-130J	Nomencla	ature		
Weapon System					Subline Item							
EC130J												
			Location of	RFP Issue Contract	Contract	Contract		Award		jo	Specs Available	Date Revisions
WBS Cost Elements	Oty	Unit Cost PCO	PCO	Date	Method	Type	Contractor and Location			Delivery]	7	Available?
Lockheed Martin Aeronautical Systems	1	48.700	48.700 WPAFB	May-95	ပ	FFP	Lockheed Martin Aeronautical Systems,	Dec-97		Oct-99	Yes	
							Marietta GA					
Lockheed Martin	_	48.200	48.200 WPAFB	May-95	၁	FFP	Lockheed Martin	Dec-97		Dec-99	Yes	
Aeronautical Systems							Aeronautical Systems, Marietta GA	· ·				
Lockheed Martin	<u> </u>	47.900	47.900 WPAFB	May-95	C	FFP	Lockheed Martin	96-lnf	\vdash	Jun-00	Yes	
Aeronautical Systems				,			Aeronautical Systems,	s,				
							Marietta GA					
Lockheed Martin			WPAFB	May-95	ر د	FFP	Lockheed Martin				Yes	
Aeronautical Systems							Aeronautical Systems,	S,				
							Marietta GA					
Remarks												
FY00 funding was congressionally added. The aircraft unit cost, award date, and delivery date are to be determined.	ally ad	ded. The an	ircraft unit cos	t, award dat	e, and deliver	y date are to b	e determined.					
The Commando Solo conversion is being split into two phases: Phase I for the first two aircraft was placed on contract with Lockheed Martin Skunk Works in Sep 99. It	on is be	ing split in	to two phases:	Phase I for	the first two	aircraft was pl	aced on contract with	Lockheed Ma	ırtin Sku	nk Work	s in Sep 99.	- It
includes aircraft generator and intercom system upgrades, an augmented crew station, and the installation of an in-flight refueling receptacle. Phase 2, the mission equipment integration effort, will be placed on contract with Lockheed Martin Skunk Works by Aug 00.	interco	om system u	ipgrades, an au	ngmented cr ckheed Mar	ew station, an tin Skunk Wo	d the installati rks by Aug 00	ion of an in-flight refu).	eling receptac	de. Phas	e 2, the n	nission	
				P.	1 Shopping	P-1 Shopping List Item No. 11	11		rocure	ment Hi	story and	Procurement History and Planning
					:					Exhib	it P-5A, p	Exhibit P-5A, page 3 of 5

The control of the process of the	Aircraft Procurement, Air S S ITEM/MANUFACTURER E PROCUREMENT YEAR V C-130/ILMAS/1997 USAF C-130/ILMAS/1999 USAF C-130/ILMAS/1999 USAF C-130/ILMAS/2000 USAF C-130/ILMAS/2000 USAF USAF C-130/ILMAS/2000 USAF	Force	Control	Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number											P-11	P-1 Line Item Nomenclature	m No	nenck	omenclature				
S	S E R V V USAF USAF USAF		, Budç	jet Act	ivity	02, /	Airli	ft Aiı	rcraf	t, Ite	Ž				S S	130							ŀ
F PROC. NO.	E R V V V USAF USAF USAF		ACCEP.	BALANCE		900	-	FISC.	AL YEA	R 1999	V GACTA	01 0 4 20	8			-	FISC	AL YE	NR 2000	VEAR	Sec.		
USAF 1 0 1 1 1 1 1 1 1 1	USAF USAF USAF	PROC. QTY	10CT 1998	AS OF 1 OCT 1998			+				J D Z	J A U		-	-		កកាយ	M A M	A A M	- D Z	- 5 1	-	
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USAF 1 0 1	USAF		0			+	-	T	t	-	_	\perp		T	+				\vdash	F		H	Н
1 0 4 0 1 1 0 4 0 1 0 1 0 1 0 0 0 0		F	0			H	H	П		H		H		1	+			1	+			+	+
COCATION Marcial GA Color Colo		4	0	4	1	4	+	+	+	+	‡	+	+	+	+	+	1	+	+	+	ŀ	+	ľ
PROCUEDARY LEAD TIME PROCUEDARY LEAD TIME											- D Z						LEME				נכי		. ш п
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P-1 Shopping List Item No. 11	MANUFACTURERS NAME Lockheed Martin Aeronautical Systems	Marietta G	V			11	(2)						Z :	\vdash	AFTER	т-	TIME		ŏ	5			
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P-1 Shopping List Item No. 11	ic FY00 EC-130	J is early CY0 3OJ Command	2 to Solo is ea	rly FY03.								:											
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Exhibit P-40, Budget Item Justification	ustification								Date: Febr	Date: February 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	:/BA/BSA/Item	Control Numb	er					P-1 Line Item Nomenclature	Nomenclature		
Aircraft Procurement, Air Force, Budget	Air Force	3, Budget	Activity 0	2, Airlift	Aircraft, I	Activity 02, Airlift Aircraft, Item No. 12	2	C-130H			
Program Element for Code B Items:	ems:	N/A			Other Relate	Other Related Program Elements:	ements:		PE: 0401115F	SF	
	ID Code	ID Code Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 1999 FY 2000 FY 2001 FY 2002 FY 2003 FY 2004 FY 2005 To Comp Total	Total
Proc Oty	A	N/A								TBD	TBD
Total Proc Cost (\$ M)		N/A	6.994				28.423	46.975	29.005	TBD	TBD

Description

C-130H is for the immediate and responsive air movement and delivery of combat troops and supplies directly in objective areas through airlanding, extraction, airdrop or other delivery techniques. Provides air logistic support for all theater forces, including those engaged in combat operations, to meet specific theater objectives and requirements. Prior year funding is for C-130 H3 Interim Contractor Support (ICS) for 107 unique item and fleet-wide ICS for several modifications. Outyear funding covers initial spares and support equipment for C-130X aircraft.

FY 2001 Program Justification

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Budget Item Justification Exhibit P-40, page 1 of 2

F. I. A F Warner Suctom Coot Analysis								Date: February 2000	uary 2000	
Exhibit P-5, Weapon System Cost Amarysis	All Ministers						P-1 Line Item Nomenclature	Jomendature		
Appropriation (Treasury) Code/CC/BA/BSA/Rem Control Number Aircraft Procurement, Air Force, Budget A	or rounder idget A	ctivity 03	Activity 02, Airlift Aircraft, Item No. 12	ircraft, Ite	m No. 1		C-130H			
Manufacturer's Name/Plant City/State Location				Subline Item						
Weapon System	Ident				Total Co	Total Cost In Millions of Dollars	of Dollars			
Cost Elements	Code		FY 1999			FY 2000			FY 2001	
		È	IInit Cost	Total Cost	Oftv	Unit Cost	Total Cost	Otv	Unit Cost	Total Cost
J.C.	4	3	OIIII COSI	6.994				,		
TOTAL PROGRAM				6.994						
Comments	-									
			P-1 Shoppii	P-1 Shopping List Item No. 12	No. 12			Weapor	Weapon System Cost Analysis	st Analysis
									Exhibit P-5, page 2 of 2	page 2 of 2
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Exhibit P-40, Budget Item Justification	ustification								Date: February 2000	uary 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	:/BA/BSA/Item	Control Number	 					P-1 Line Item Nomenclature	Nomenclature		
Aircraft Procurement, Air Force, Budget	Air Force	, Budget	Activity 0	2, Airlift /	Activity 02, Airlift Aircraft, Item No. 13	em No. 1	က	C-130J			
Program Element for Code B Items:	ems:	N/A			Other Related	Other Related Program Elements:	ements:		41132F		i
	ID Code	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Comp	Total
Proc Qty	Ą	3			7	2	2	7	9	TBD	TBD
Cost (\$ M)		186.300	29.062	46.351	208.051	206.326	225.264	308.933	519.105	TBD	TBD
Advance Proc Cost (\$ M)		0.000								TBD	TBD
Weapon System Cost (\$ M)		186.300	29.062	46.351	208.051	206.326	225.264	308.933	519.105	TBD	TBD
Initial Spares (\$ M)		15.200	60.674		0000	0.000	000'0	000'0	0.000	TBD	TBD
Total Proc Cost (\$ M)		201.500	962'68	46.351	208.051	206.326	225.264	308.933	519.105	TBD	TBD
Flyaway Unit Cost (\$ M)		44.200			62.000	64.000	66.250	67.150	68.633		
Wpn Sys Unit Cost (\$ M)		000.69			104.026	103.163	112.632	77.233	86.518		

Description

techniques. It provides air logistics support of all theater forces, including those engaged in combat operations, to meet specific theater objectives and requirements. It is a The C-130J provides immediate and responsive air movement and delivery of combat troops and supplies directly into objective areas using various airland and airdrop medium size tactical transport powered by four turboprop engines. The C-130J has set more than 50 world records for speed and short takeoff and landing (STOL) capability. The Air Force is the designated Executive Service for the C-130J production contract.

FY 2001 Program Justification

funds previously identified for initial spares beginning in FY2000 have been transferred in total to the C-130J procurement line. ISS funding is shown on Exhibit P-5. The incorporates all supply support requirements, including all spare parts, determined by collected failure rates during an interim period. The contractor will provide all spare parts as a service under this contract to achieve an 86% mission capable rate. To fund this 'spares as a service' concept, referred to as Interim Supply Support (ISS), the The C-130J program, through its five year option contract, supports all initial spares needs as part of the Reengineered Supply Support Process (RSSP). This contract 2001 budget contains 2 C-130J-30 aircraft, as well as logistics and training support for the 29 Air Reserve Command C-130J fleet. This includes 10 WC-130Js, 4 EC-130Js, and 15 C-130Js. These aircraft were appropriated as follows:

Exhibit P-40, page 1 of 11				
Budget Item Justification	P-1 Shopping List Item No. 13			
	AFRC	86	2	WC-130J
	ANG (Guard and Reserve Equipment account)	86	4	C-130J
	ANG	24	_	EC-1303
	AFRC (One was an active duty C-130J, designated a WC-130J, provided to AFRC)	26	4	WC-130J
	ANG (Guard and Reserve Equipment account)	26	4	C-130J
	AFRC	96	က	WC-130J
	Included in Prior Years column above	96	7	C-130J
	AF swapped 2 C-130H3 with ANG for these aircraft. Aircraft now in AFRC.	94	7	C-130J
	Comment	FY	Qty	Aircraft

Date: February 2000		C-130J							
	Number State of the state of th	dget Activity 02, Airlift Aircraft, Item No. 13			ANG (Guard and Reserve Equipment account)				
Exhibit P-40, Budget Item Justification	Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	Aircraft Procurement, Air Force, Budget	FY 2001 Program Justification Continued	ANG	ANG (Guard and Res	AFRC	ANG	ANG	
Budget Iten	reasury) Code/	ocuremen	ram Justifica	1 98	3 99	1 99	1 99	1 00	29
	Appropriation (Tr	Aircraft Pro	FY 2001 Progr	EC-130J	C-130J-30	WC-130J	EC-130J	EC-130J	

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Exhibit P-5, Weapon System Cost Analysis								Date: February 2000	uary 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	rol Number						P-1 Line Item Nomenclature	lomenclature		
Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 13	udget A	ctivity 02	, Airlift A	ircraft, Ite	m No. 13		C-130J			
Manufacturer's Name/Plant City/State Location				Subline Item						
Lockheed Martin Aeronautical Systems/Marietta/Georgia	Georgia			C-130J (BPAC 10400C)	C 10400C)					
Weapon System	Ident				Total Cos	Total Cost In Millions of Dollars	of Dollars			
Cost Elements	Code		FY 1999			FY 2000			FY 2001	
		į	I Init Cost	Total	Ott	I lait Cost	Total Cost	Üħ	I Init Cost	Total
Avionics	Ą	0	Oline Cost	0.000	0	3600 11110	0.000	40, 2	100	119.040
Armament	A									
Software	Α									
Other Government Furnished Equipment (GFE)	Α									
Engineering Change Orders (ECO)	A									4.960
Nonrecurring Costs	A									
Other Costs	Y									
FLYAWAY COST SUBTOTAL	A			0.000			0.000			124.000
Airframe Peculiar Ground Support Equipment (PGSE)	V									
Engine PGSE	Ą									
Peculiar Training Equipment	Ą	1		29.062			12.900	1		30.600
Publications/Technical Data	Ą						1.600			1.000
ECOs	Ą			0.000						
ICS	Ą			0.000			3.000			5.900
ISS	A			0.000			21.651			38.551
Other	A						7.200			8.000
SUPPORT COST SUBTOTAL	Y			29.062			46.351			84.051
Initial Spares	A			60.674						
TOTAL PROGRAM				89.736			46.351			208.051
Comments										
Effective 1 Oct 99, initial spares requirements migrate to Interim Supply Support (ISS) under the Reeningeered Supply Support Process (RSSP) umbrella in BP10.	grate to Inte	rim Supply	Support (ISS) under the Re	eningeered	Supply Suppo	ort Process (R.	SSP) umbrell	la in BP10.	
	:		P-1 Shoppin	P-1 Shopping List Item No. 13	0. 13			Weapon	Weapon System Cost Analysis Exhibit P-5, page 3 of 11	st Analysis age 3 of 11
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Exhibit P-5A, Procurement History and Planning	Histor	ry and Pi	anning					Da	Date: February 2000	y 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	/BA/BS	A/Item Col	ntrol Number					P-1 Line Item Nomenclature	enclature		
Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 13	Air F	orce, E	3udget Act	ivity 02,	Airlift Air	craft, Item		C-130J			
Weapon System					Subline Item						
C-130J											
					Contract	Contract	One to restron	Award	Date of First Delivery	Specs Available Now?	Date Revisions Available?
WBS Cost Elements	<u> </u>	Unit Cost	I PCO	May-05	nomawi	1 ypc	Lockheed Martin	T	Jan-99	T	
Lockneed Inditin Aeronautical Systems	·		W FALE	CC-Kalvi)		Aeronautical Systems, Marietta, GA				
Lockheed Martin Aeronautical Systems	2		WPAFB	May-00	ပ	HP.	Lockheed Martin Aeronautical Systems, 86	Dec-00	Oct-02	Yes	
•							South Cobb Drive				
Remarks											
Air Vehicle: a. FY96 aircraft were the initial cadre of aircraft procured under the Five Year Option Contract (FYOC). The engines are being provided as Contractor Furnished Equipment (CFE) and are included in the air vehicle price.	l cadre ded in	of aircraf	th procured unde hicle price.	er the Five \	Tear Option C	ontract (FYO	C). The engines are beit	g provided as (Contractor Fu	ırnished	
b. New Five Year Option Contract required for future buys.	ract re	quired for	future buys.								
c. One FY97 Air Force active duty C-130J was designated a	luty C-	130J was		C-130J and	WC-130J and provided to AFRC.	FRC.					
d. No Air Force C-130J aircraft were programmed FY98 through FY00.	ît were	programn	ned FY98 throu	igh FY00.							
e. All combat delivery aircraft after FY99 will be procured	after F	Iliw 66Y	be procured as	stretch C-13	0J-30s; plan i	s to have one	as stretch C-130J-30s; plan is to have one FY04 and one FY05 aircraft procured as EC-130Js.	raft procured as	EC-130Js.		
FQIY 02 02											·
02 04 06											
				Δ.	-1 Shopping	P-1 Shopping List Item No. 13	. 13	Proc	Procurement History and Planning Exhibit P-5A, page 4 of 11	nent History and Planning Exhibit P-5A, page 4 of 11	Planning ge 4 of 11

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Exhibit P-21, Production Schedule	tule															ן ב	ate:	Febr	nary	Date: February 2000	_		
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	BSA/Item (Control N	umber											P-1 Line Item Nomenclature	ne Ite	δ Σ	menc	atrue					
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Exhibit P-21 (2), Production Schedule	hedule															[Za	ا <u>د</u>	Date: repruary zooo	2 2	3 3		
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	BSA/Item Control	Number											ď	Line	Item	Nome	P-1 Line Item Nomenclature	<u>ie</u>				
Aircraft Procurement, Air Force,	r Force, Bud	Budget Activity 02, Airlift Aircraft, Item No. 13	vity	02,	Airlit	t Air	craf	t, Ite	Ē	0.1	က		Ċ	C-1307								
C	ACCEP.	BALANCE	L			FISCA	FISCAL YEAR 2001	₹2001				L			F	TSCAL	FISCAL YEAR 2002	2002				7
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Exhibit P-21 (4), Production St	neanie																				l	I	I
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The continuent, Air Force, Budget Activity 02, Air Hiff Air Craft, Hem No. 13 C-130J																							
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Exhibit P-43 p.1. Simulator and Training Device Justification (\$ M)	and Training De	vice Justificatio	n (\$ M)				Date: February 2000	0
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 13	Air Force, Bu	rol Number udget Activity	y 02, Airlift Ai	rcraft, Item N	lo. 13	P-1 Line Item Nomenclature C-130J	nenclature	
Weapon System C-130J								
Equipment Nomenclature: Unit Training Device (UTD)	uit Training Devic	e (UTD)						
Fin Plan	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	Total
Quantity	1		1	1	1	0	3	7
Proc	29.062	12.900	30.600	18.000	23.300	0000	44.200	158.062
TRAINING SYSTEM DESCRIPTION	RIPTION							
The C-130J Maintenance and Aircrew Training System (MATS) will include maintenance and aircrew training devices, aircrew courseware and instruction, contractor logistics support, and operation of a Training System Support Center.	vircrew Training Syst	ystem (MATS) wil em Support Center	l include maintenar	nce and aircrew tra	aining devices, air	crew courseware at	nd instruction, contr	actor
Required Training Devices								
FY99 - 1 Weapon System Trainer EV01 - 1 Weapon System Trainer 1 Avionics Systems Management Trainer	ner Jer 1 Avionics Svs	tems Management	Trainer					
F101 - 1 weapon System Hamel, 1 Aviouse Systems from FY02 - 1 Integrated Cockpit Maintenance Training Device	aintenance Trainin	g Device						
FY03 - 1 Fuselage Trainer, I Cockpit Procedures Trainer	ockpit Procedures	Trainer						
FY04 - 1 Engine/Fropeller Maintenance 11ainer FY05 - 1 Landing Gear Maintenance Training Device, 1 Engine/Propeller Maintenance Trainer, 1 Fuselage Maintenance Training Device	ntenance 1 rainer nance Training De	vice, 1 Engine/Pro	peller Maintenance	Trainer, 1 Fuselag	ge Maintenance Tı	raining Device		
0								
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			P-1 Shopping	P-1 Shopping List Item No. 13		mulator and Ira	Simulator and Training Device Justification (\$ m) Exhibit P-43 p.1, page 9 of 11	tirication (ᢌ M) 1, page 9 of 11

Exhibit B-43 n 2 Simulator and Training Device Justification (\$ M)	lator and Train	ning Davice	Instification /	(M)			-	Date: F	Date: February 2000	
EXIIIDIL F 45 p.k, SIIIIL	Jiatoj aliu IIai	IIIII Device	Justilication	(m w)					and finning	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Numbe Aircraft Procurement, Air Force, Budget A	ode/CC/BA/BSA/II lent, Air For	tem Control Num ·ce, Budge í	t Activity 0	ا الا كان Activity 02, Airlift Aircraft, Item No. 13	rcraft, Item	No. 13	P-1 Line It	P-1 Line Item Nomenclature C-130J	iture	
Weapon System C-130J										
Equipment Nomenclature: Unit Training Device (UTD)	re: Unit Traini	ng Device (UT)	((
IOC Date										
TRAINING	SITE	DELIVERY	READY	AVG	FY 1999	666	FY 2000	2000	FY 2001	2001
DEVICE BY TYPE		TIME	TRAINING DATE	STUDENT THROUGH	QTY	COST	QTY	COST	QTY	COST
				PUT						
AIRCREW	KAFB, MS	Mar-02	Sep-02	40	1	29.062				
AIRCREW	LRAFB, AR	Jun-03	Dec-03	,						26.700
TOTAL					-	29.062				26.700
				P-1 Shopping	P-1 Shopping List Item No. 13	13	Simulator	and Training Exh	Device Justi bit P-43 p.2.	Simulator and Training Device Justification (\$ M) Exhibit P-43 p.2, page 10 of 11
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				ONCEASON IEE						
Exhibit P-43 p.3, Simulator and Training Device Justification (\$ M)	nd Training	դ Device Justi	fication (\$ I	(F)				Date: Feb	Date: February 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 02, Airlift Aircraft, Item No. 13	3A/BSA/Item (Air Force ,	Control Number Budget Ac	tivity 02,	Airlift Airc	raft, Item N	0. 13	P-1 Line Ite C-130J	P-1 Line Item Nomendature C-130J		
Weapon System C-130J										
Equipment Nomenclature: Aircrew Trainers	crew Traine	r.s								
Description:										
Initial program contains 2 Weapon System Trainer and 1 Avionics System Management Trainer.	n System Tr	ainer and 1 Avic	mics System	Management Tr	ainer.					•
TAN THE TANDEST AND THE	FY	FY 1999	FY	FY 2000	FY 2001	100	To Complete	ıplete	Total Costs	Costs
FINANCIAL PLAN	QTY	COST	QTY	COST	QTY	COST	QTY	COST	QTY	COST
Hardware Costs									•	
WST	-	28.140			1	26.700	TBD	TBD	TBD	TBD
Total Hardware Costs	1	28.140			1	26.700	0	0.000	0	0.000
Support Costs					•					
Aircrew Courseware				8.220			TBD	TBD	TBD	TBD
Currency Mgt				0.630		0.700				
Other		0.922		4.050		3.200				
Total Support Costs		0.922		12.900		3.900	0	0.000	0	0.000
							TBD	TBD	TBD	TBD
TOTAL COSTS		29.062		12.900	1	30.600	0	0.000	0	0.000
			٩	P-1 Shopping List Item No. 13	st Item No. 13		Simulator ar	Simulator and Training Device Justification (\$ M)	evice Justifi	cation (\$ M)
-								Exhibit	Exhibit P-43 p.3, page 11 of 11	age 11 of 11
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FY 2001 AMENDED BUDGET REQUEST
BUDGET ACTIVITY 03 – TRAINER AIRCRAFT

FEBRUARY 2000

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Exhibit P-40, Budget Item Justification	lustification								Date: February 2000	uary 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	:/BA/BSA/Item	Control Number	Je.					P-1 Line Item	P-1 Line Item Nomenclature		
Aircraft Procurement, Air Force, Budget Activity 03, Trainer Aircraft, Item No. 14	Air Force	3, Budget	Activity 0	3, Traine	r Aircraft,	Item No.	14	Joint Prir	Joint Primary Aircraft Training	raft Train	ng
			•					System (JPATS)	JPATS)		
Program Element for Code B Items:	ems:	N/A			Other Relate	Other Related Program Elements:	ements:		64233F (RDT&E)	(&E)	
	ID Code	Prior Years	Prior Years FY 1999 FY 2000	l	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Comp Total	Total
Proc Qty	A	46	22	29	27	48	55	92	20	45	372
Cost (\$ M)		229.900	108.174	111.370	113.825	216.389	240.158	225.462	234.000	242.200	1721.478
Advance Proc Cost (\$ M)		0.000								0.000	0.000
Weapon System Cost (\$ M)		229.900	108.174	111.370	113.825	216.389	240.158	225.462	234.000	242.200	1721.478
Initial Spares (\$ M)		0.000	0.000	0.000	0.000	0.000	60.801	23.628	24.353	25.200	133.982
Total Proc Cost (\$ M)		229.900	108.174	111.370	113.825	216.389	300.959	249.090	258.353	267.400	1855.460
Flyaway Unit Cost (\$ M)		4.493	2.936	2.586	2.778	3.858	3.918	3.988	4.072	4.233	
Wpn Sys Unit Cost (\$ M)		4.998	4.920	3.840	4.508	4.508	5.472	4.981	5.168	5.942	

Description

Supports Air Education and Training Command's (AETC) implementation of Specialized Undergraduate Pilot Training, (SUPT) and the Department of Defense initative increasingly unsupportable and non-representative avionics, as well as, underpowered and fuel inefficient engines. Cockpits are unpressurized, resulting in the largest for joint pilot training. The Joint Primary Aircraft Training System (JPATS) is a joint USAF/USN venture to replace the Services' fleets of primary trainer aircraft (T-37/T-34 respectively) and associated Ground Based Training Sytems (GBTS). The USAF's T-37 aircraft average over 35 years of age. They have antiquated, number of physiological incidents in the Air Force. The USAF is the Executive Service.

FY 2001 Program Justification

accordance with Congressional language) to fund one FY 2001 aircraft taking total FY 2001 buy to 28. In FY 2000 Congress authorized and appropriated the purchase of Will procure 27 aircraft and associated support with FY 2001 funds. Aircraft are required to begin training at Laughlin AFB, TX. FY 2000 funds will be used (in 29 aircraft. However, contract limitations in the FY 2000 variation in Quantity Martix limited the FY 2000 purchase to 28.

P-1 Shopping List Item No. 14

Budget Item Justification Exhibit P-40, page 1 of 12

Exhibit P-5 Weapon System Cost Analysis								Date: February 2000	uary 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	rol Number						P-1 Line Item Nomenclature	omenclature		
Aircraft Procurement, Air Force, Budget	udget A	ctivity 03	, Trainer	Activity 03, Trainer Aircraft, Item No. 14	tem No. 1	***	oint Prim	lary Airc	Joint Primary Aircraft Training	ng
						9,	System (JPATS)	PATS)		
Manufacturer's Name/Plant City/State Location				Subline Item						
Raytheon Aircraft Company/Wichita/Kansas										
Weapon System	Ident				Total Cost	Total Cost In Millions of Dollars	of Dollars			
Cost Elements	Code		FY 1999			FY 2000			FY 2001	
		ΔţΟ	Unit Cost	Total Cost	ΔίΟ	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Aircraft	Ą	22	2.936	64.600	29	2.586	75.000	27	2.778	75.000
FLYAWAY COST SUBTOTAL	А			64.600			75.000			75.000
Other	A			11.600			14.170			3.425
SUPPORT COST SUBTOTAL	A			11.600			14.170			3.425
							00000			75 400
Ground Based Training System	A			32.000			22.200			33.400
				000	***		111 270			112 075
TOTAL PROGRAM				108.200			111.3/0			113.623
Comments										
'Other' includes air vehicle support, contractor logistics support, and mission support.	gistics supp	ort, and miss	ion support.							
Will procure 27 aircraft and associated support with FY 2001 funds. Aircraft are required to begin training at Laughlin AFB, TX. FY 2000 funds will be used (in accordance with Congressional language) to fund one FY 2001 aircraft taking total FY 2001 buy to 28. In FY 2000 Congress authorized and appropriated the purchase of	ith FY 200 I one FY 20 FY 2000 55	1 funds. Aire 01 aircraft ta	raft are requi king total FY	red to begin the 2001 buy to 2001 in the F	raining at La 28. In FY 20 V 2000 murel	ughlin AFB, 000 Congress hase to 28.	TX. FY 2000 authorized ar	0 funds will on appropria	be used (in ted the purcha	se of
			P-1 Shoppin	P-1 Shopping List Item No. 14	lo. 14			Weapon	Weapon System Cost Analysis Exhibit P-5, page 2 of 12	st Analysis age 2 of 12
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Exhibit P-5A, Procurement History and Planning	Histor	y and Pla	nning					Da	Date: February 2000	y zuuu	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	/BA/BS	A/Item Conti	rol Number					P-1 Line Item Nomendature	enclature		
Aircraft Procurement, Air Force, Budget Activity 03, Trainer Aircraft, Item No. 14	Air F	orce, Bi	udget Acti	vity 03,	Trainer A	ircraft, Ite		Joint Primary Aircraft Training	y Aircraf	ft Trainir	<u> </u>
							2	System (JPA13)	(61)		
Weapon System					Subline Item						
T-6											
			Location of	RFP Issue Contract	Contract	Contract		Award	Date of First	Specs Available	Date Revisions
WBS Cost Elements	Qty	Unit Cost PCO		Date	Method	Type	Contractor and Location		Delivery	Now?	Available?
Air Vehicle FY95	3	9.100	9.100 ASC/YT WPAFB OH	May-94	C/FPO	FPIF with EPA	Raytheon Aircraft Co Wichita, Kansas	Feb-96	Feb-00	Yes	
Air Vehicle FY96	9	5.600	5.600 ASC/YT WPAFB OH	May-94	C/FPO	FPIF with EPA	Raytheon Aircraft Co Wichita, Kansas	Sep-96	Mar-00	Yes	
Air Vehicle FY97	15	4.000	4.000 ASC/YT WPAFB OH	May-94	C/FPO	FPIF with EPA	Raytheon Aircraft Co Wichita, Kansas	Apr-97	Jun-00	Yes	
Air Vehicle FY98	22	3.200	3.200 ASC/YT WPAFB OH	May-94	C/FPO	FPIF with EPA	Raytheon Aircraft Co Wichita, Kansas	Feb-98	Nov-00	Yes	
Air Vehicle FY99	22	3.000	3.000 ASC/YT WPAFB OH	May-94	C/FPO	FPIF with EPA	Raytheon Aircraft Co Wichita, Kansas	Feb-99	Jun-01	Yes	
Air Vehicle FY00	29	2.586	2.586 ASC/YT WPAFB OH	May-94	C/FPO	FPIF with EPA	Raytheon Aircraft Co Wichita, Kansas	Feb-00	Feb-02	Yes	
Air Vehicle FY01	27	2.778	2.778 ASC/YT WPAFB OH	May-94	C/FPO	FPIF with EPA	Raytheon Aircraft Co Wichita, Kansas	Feb-01	Feb-03	Yes	
Remarks											
Variations in Unit Cost from FY to FY	Y to FY										
				ď	1 Shopping	P-1 Shopping List Item No. 14	14	Proc	Procurement History and Planning Exhibit P-5A, page 3 of 12	nent History and Planning Exhibit P-5A, page 3 of 12	Planning
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																	S	ste	System (JPATS)	JP/	\TS						
	S		ACCEP.	В	Ц				FISCA	FISCAL YEAR 1999	R 1999				П					FISCAL YEAR 2000	L YEA	R 2000		0000			7
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	USAF	6			6					H	H	$oxed{H}$	Ц	\prod		П	Н	H	Н	7	2	2	2		Ц	Ц	0
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S	Ļ	ACCEP.		BALANCE					FISCAL YEAR 2009	YEA	R 2009		900 600 600 600 600 600 600 600 600 600	900	П			╽┝		FISCA	CALE	FISCAL YEAR 2010	VEAD	0100			. 1 4
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Air Vehicle/Raytheon/FY96 USAF	<u>.</u>	4	4	٥		1	1	+	\dagger	+	+	+	\downarrow	Ţ		1	†	+	\dagger	+	+	+	+	1	1		
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Air Vehicle/Raytheon/FY98 USAF	13 6		27 2	٥		\dagger	1	†	\dagger	+	+	\downarrow	1	_		T	t	\dagger	\dagger	\dagger	+	+	\downarrow	\downarrow	1		٥
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Air Vehicle/Raytheon/FY07 11SAF			48			T		T	t	+	H	L	L	L		Γ	T	t	\vdash	┝	\vdash	L	Ļ		L		0
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Air Vehicle/Raytheon/FY05 USA	4	50	20	0		Г		Γ	H	H	H	Н	Ц				H	Н	H	Н	Н	\mathbb{H}	\dashv	4			٩
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TOTAL		372 3	367	S	_	1			+	+	\dashv	\dashv	4	\downarrow			1	1	+	┥	+	╅	+	+	┽	_	2
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MANUFACTURER'S NAME	2	CATION	2	16	DAYS	3	۲×	Ž	D+ D+	\Box									Σ	MFG		TOTAL	F F				
Raytheon Aircraft Co.	≱	Wichita, Kansas		12			144								PR 1	PRIOR 1 OCT	AFTER 1 OCT	纸 H	F	ME		Ö	ís				
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REMARKS																											
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								:)	:											Ш	hibi	t P-2	21 (6), pa	ge 9	Exhibit P-21 (6), page 9 of 12
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Exhibit P-43 p.1, Simulator and Training Device Justification (\$ M)	and Training De	vice Justificatio	n (\$ M)			ă	Date: February 2000	0
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	2/BA/BSA/Item Conti		ctivity 03 Trainer Aircraft Item No 14	Vircraff Item	41 oN	P-1 Line Item Nomenclature	P-1 Line Item Nomenclature Joint Primary Aircraft Training	ainina
Aliciali Floculellelli,	, All 1 olde, D	מחשפר שכוועוני	69, 11 aii 161 <i>f</i>			System (JPATS)	ATS)	D
Weapon System T-6								
Equipment Nomenclature: Ur	nit Training Devic	e (UTD)						
Fin Plan FY 1999 FY	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	Total
Quantity	5	16	6	7	12	13	16	78
Proc	32.000		35.400	24.600	18.400	18.900	22.300	173.800
RDT&E	28.019	28.269	20.473	1.883	1.974	2.012	2.053	84.683
S%0	0.000	0000	1.389	5.413	5.626	6.617	7.115	26.160
TRAINING SYSTEM DESCRIPTION	RIPTION							
Training will consist of a single primary phase of Specialized Undergraduate Pilot Training (SUPT). The objective of both the Air Force and the Navy is to jointly acquire an integrated training system using similar hardware with like capabilities. Components of the system include simulators, curricula, contractor logistics support and	e primary phase of sing similar hardwa	Specialized Undergure with like capabi	graduate Pilot Trair lities. Components	ing (SUPT). The s of the system inc	objective of both	the Air Force and a	the Navy is to joint r logistics support	ly acquire and
aircraft. This project represents the ground based training portion of the system and includes courseware and a Training Integration Management System as well as simulators. The quantities above reflect all GBTS components, not only UTDs.	s the ground based ve reflect all GBTS	training portion of components, not or	the system and inc aly UTDs.	ludes courseware	and a Training Int	egration Managem	nent System as well	as
			P-1 Shopping	P-1 Shopping List Item No. 14		mulator and Tra	Simulator and Training Device Justification (\$ M) Exhibit P-43 p.1, page 10 of 12	stification (\$ M) , page 10 of 12

Evhibit P.43 n.2 Similator and Training Device Instiffcation (\$ M)	lator and Trai	ning Davice	instification (' I				Date: F	Date: Fehruary 2000	
EXIIIDIL 1-45 p.2, SIIIIL	מומנס מות וומו	Sevice .	Tastilleation .	(111)					coldally good	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget A	ode/CC/BA/BSA/I nent, Air Fo	rem Control Nurr rce, Budge	ber t Activity 0	न Activity 03, Trainer Aircraft, Item No. 14	Aircraft, Ite	am No. 14	Joint Syste	P-1 Line item Nomenclature Joint Primary Aircraft Training System (JPATS)	rure ircraft Trai)	ining
Weapon System T-6										
Equipment Nomenclature: Unit Training Device (UTD)	ıre: Unit Traini	ng Device (UT)	((
IOC Date	3QFY01							-		
TRAINING	SITE	DELIVERY	READY	AVG	FY 1999	6661	FY.	FY 2000	FY 2001	2001
DEVICE BY TYPE		TIME	TRAINING	STUDENT THROUGH PUT	QTY	LSOO	QTY	COST	QTY	COST
OFT	Various				2	4.887	2	4.683	2	5.927
IFT	Varions						3	4.524	4	
UTD	Various						3		7	3.617
TOTAL					2	4.887	8	12.601	8	16.683
				P-1 Shopping	P-1 Shopping List Item No. 14	. 14	Simulator	Simulator and Training Device Justification (\$ M) Exhibit P-43 p.2. page 11 of 12	Device Justi bit P-43 p.2.	ning Device Justification (\$ M) Exhibit P-43 p.2. page 11 of 12

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					211100				*****	
Exhibit P-43 p.3, Simulator and Training Device Justification (\$ M)	nd Training	Device Just	ification (\$ I	M)				Date: Fet	Date: February 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	A/BSA/Item (Control Number	00 141.140	Troingr	1041 House	No 44	P-1 Line II	P-1 Line Item Nomenclature	ie Graff Train	
Aircraπ Procurement, Air rorce, buαget Activity 05, Trainer Aircraft, Itelii NO. 14	ar Force,	Duaget A	ctivity 03,	i rainer A	ircrait, itel	II NO. 14	Syster	System (JPATS)	Ciall IIall	D
Weapon System T-6										
Equipment Nomenclature: Aircrew Trainers	rew Traine	S								
Description:			-							
Aircrew trainers include Operational Flight Trainers (OFT),	nal Flight Tr		Instrument Fli	ght Trainers (Instrument Flight Trainers (IFT), and Unit Training Devices (UTD)	Training Devices	s (UTD).			
EINANCIAI DI AN	FY	FY 1999	FY	FY 2000	FY	FY 2001	To Complete	nplete	Total Costs	Costs
NICT I TRINITALITY	QTY	COST	QTY	COST	QTY	COST	QTY	COST	QTY	COST
Hardware Costs										
OFT	2	4.887	2		3 2		16	45.200	22	60.697
IFT			3	4.524	4	7.139	18	24.900	27	36.563
UTD			3		4 2	3.617	12	23.000	19	30.011
EST			2		0		3	0.450	5	0.730
EPT			2	089.0	0		3	1.200	5	1.880
PPT										
CBTS			3		3					1.803
TIMS	3	22.920	1	2.909	9 1	13.000	1	12.200	9	51.029
Total Hardware Costs	5	27.807	16	18.273	3 9	29.683	53	106.950	84	182.713
Support Costs								•		
		4.193		3.927	7	5.717		10.350		24.187
Total Support Costs		4.193		3.927	7	5.717		10.350		24.187
TOTAL COSTS	5	32.000	16	5 22.200	6 0	35.400	53	117.300	84	206.900
				-1 Shopping	P-1 Shopping List Item No. 14	4	Simulator a	Simulator and Training Device Justification (\$ M)	evice Justif	ication (\$ M)
					:			Exhibi	it P-43 p.3, p	Exhibit P-43 p.3, page 12 of 12
				112100	01040	0,				

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FY 01 AMENDED BUDGET REQUEST
BUDGET ACTIVITY 04 – OTHER AIRCRAFT

FEBRUARY 2000

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Exhibit P-40, Budget Item Justification	Justification								Date: February 2000	uary 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	:/BA/BSA/Item	Control Number	 					P-1 Line Item Nomenclature	Nomenclature		
Aircraft Procurement, Air Force, Budget	Air Force	, Budget	Activity 0	4, Other /	Activity 04, Other Aircraft, Item No. 15	em No. 1		CV-22 (Osprey)	sprey)		
Program Element for Code B Items:	ems:	N/A			Other Related	Other Related Program Elements:	ements:				
	ID Code	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Comp	Total
Proc Oty	A				4	9	6	6	6	13	50
Cost (\$ M)			21.996	21.793	335.766	362.246	414.045	412.889	403.808	583.726	2556.269
Advance Proc Cost (\$ M)				19.915	27.209	57.330	69.884	55.230	46.944	13.968	290.480
Weapon System Cost (\$ M)			21.996	41.708	362.975	419.576	483.929	468.119	450.752	597.694	2846.749
Initial Spares (\$ M)					16.960	68.244	54.714	61.772	79.564	109.666	390.920
Total Proc Cost (\$ M)			21.996	41.708	379.935	487.820	538.643	529.891	530.316	707.360	3237.669
Flyaway Unit Cost (\$ M)					77.341	56.962	47.910	45.561	44.398	43.746	
Wpn Sys Unit Cost (\$ M)					90.744	69.656	53.770	52.013	50.084	45.976	

Description

electronic warfare suite, etc. The Air Force will fund 85 percent of the procurement cost for CV-22 training systems; USSOCOM, 15 percent. The Air Force and Navy will utilize joint training facilities at MCAS New River, NC to conduct all maintenance training and initial V-22 aircrew qualification training. CV-22 SOF-unique aircrew responsible for managing and funding the development of all V-22 variants, including the CV-22. The Air Force will procure and field 50 CV-22 aircraft and support The CV-22 is a Special Operations Forces (SOF) variant of the V-22 vertical lift, multi-mission aircraft. The CV-22 will provide long-range, high speed infiltration, equipment for USSOCOM, conduct IOT&E, and provide Type I training. USSOCOM funds the procurement of SOF unique systems, e.g. terrain following radar, exfiltration, and resupply to special forces teams in hostile, denied, and politically sensitive areas. The Navy is the lead service for the joint V-22 program and is mission training will be conducted at the Special Operations Mission Qualification Schoolhouse at Kirtland AFB, NM.

FY 2001 Program Justification

\$309.36M in Total Flyaway procures four CV-22 Aircraft

\$0.41M in Publications and Technical Data procures Flight Manuals, General Series Manuals updates, O-Level tech data, Technical manaual data cards, and O&I level \$18.21M in Peculiar Training procures Air Force portion (85%) of first unit training OFT for Hurlburt and Interactive Media Instruction and Curriculum development. \$19.53M in Peculiar Ground Support Equipment (PGSE) procures 2 year lead airframe, engine and avionics O&I level PGSE to support Kirtland and Hurlburt. Integrated Electronic Technical Manual System (IETMS) to support first production lot of CV-22's

\$6.42M in Other ILS and Production Engineering Support provides funding for logistics and engineering support functions at various Air Force, Marine Corp and Navy locations.

\$1.75M in Common SE procures common SE necessary to support four CV-22's at Kirtland.

\$16.96M in Initial Spares procures breadth of spares necessary for site stand-up at Kirtland and depth of spares necessary to support the first year's projected flying hour

\$27.21M in Advance Procurement procures long lead items for the six aircraft to be procured in FY02.

P-1 Shopping List Item No. 15

Budget Item Justification Exhibit P-40, page 1 of 9

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			ONCLASS	1001				Date: Echnison 2000	0006 /961	
Exhibit P-5, Weapon System Cost Analysis	10							Date. repl	dal y 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	trol Number	,					P-1 Line Item Nomenclature	omendature		
Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No.	udget A	ctivity 0	t, Other A	ircraft, Ite	m No. 15		CV-ZZ (Usprey)	prey)		
Manufacturer's Name/Plant City/State Location				Subline Item						
Bell-Boeing / Fort Worth / TX										
Weapon System	Ident				Total Cos	Total Cost In Millions of Dollars	of Dollars			
Cost Elements	Code		FY 1999			FY 2000			FY 2001	
	_			Total			Total			Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qtà	Unit Cost	Cost
Air Frame CFE	A							4	66.107	264.429
Engines/Engine Accessories	A							8	1.830	14.640
GFE Electronics	A									3.214
Engineering Change Orders (ECO)	A									10.119
Nonrecurring Cost	Ą									16.960
TOTAL FLYAWAY COST	A									309.362
Airframe PGSE	A						2.353			14.155
Engine PGSE	¥									0.688
Avionics PGSE	4									4.688
Peculiar Training Equipment	Ą			21.996			16.502			18.212
Publications/Technical Data	A						0.413			0.405
Other ILS	A						0.939			3.118
Production Engr Support	¥						1.586			3.300
Common SE	¥									1.752
SUPPORT COST	A			21.996			21.793			46.318
Gross P-1 Cost	A			21.996			21.793			355.680
Advance Procurement (Credit)	Α									-19.915
Net P-1 Cost	A			21.996			21.793			335.765
Advance Procurement CY	Y						19.915			27.209
Weapon System Cost	Α			21.996			41.708			302.974
Initial Spares	∀									10.900
							41 700			270 024
TOTAL PROGRAM				21.996			41./08			317.734
Comments										
			P-1 Shoppir	P-1 Shopping List Item No. 15	ło. 15			Weapon	Weapon System Cost Analysis Exhibit P-5, page 2 of 9	st Analysis age 2 of 9
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Particraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 15 CV-22 (Osprey)	Appropriation (Treasury) Code/CC/BA/BSA/Item Aircraft Procurement, Air Force Weapon System CV-22	n Control Number					í	20 - 02 20	\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
Cutivity 04, Other Aircraft, Item No. 15 CV-22 (Osprey) Subline Item Subline Item Contract Contract Contract Contract SS Navy Bell-Boeing, Patuxent Feb-01 Aug-02 Feb-01 SS Navy Bell-Boeing, Patuxent Feb-01 Aug-02 Feb-01 SS Navy Bell-Boeing, Patuxent Feb-01 Aug-02 Feb-01 SS Navy Bell-Boeing, Patuxent Feb-01 Aug-02 Feb-01 SS Navy Bell-Boeing, Patuxent Feb-01 Aug-02 Feb-01 River MD River MD River MD Aug-02 Feb-01 Aug-02 Feb-01 River MD	Procurement, Air Force								2	
Contract Contract	stem		ivity 04, (Other Air	craft, Iten		-1 Line Item Nom : V-22 (Ospr	enclature 'ey)		
Courtact Courtact			<i>V</i> 1	Subline Item	-					
Contract Cou										
NAVAIR SS	Qty	of	RFP Issue (Contract	Contractor and Location		Date of First	Specs Available	
8 1.830 NAVAIR SS Navy Bell-Boeing Patuxent F NAVAIR SS Navy Allison Engine Co., J Indianapolis IN River MD Riv	ance	NAVAIR			Navy	Bell-Boeing, Patuxent		Delivery	Now?	Available
NAVAIR SS Navy Allison Engine Co., Indianapolis IN NAVAIR SS Navy Bell-Boeing, Patuxent F River MD River MD Navy R	4		S	SS		Bell-Boeing, Patuxent River MD	Feb-01	Mar-03	Yes	
MAVAIR SS Navy Bell-Boeing, Patuxent F River MD	∞	1.830 NAVAIR	S	SS		Allison Engine Co.,	Jan-01	Aug-02	Yes	
	I Advance Proc	NAVAIR	S	SS	Navy	Indianapolis IN Bell-Boeing, Patuxent	Feb-01			
		,								
			P-18	Shopping Lis	st Item No. 1	15	Procui	rement His	story and F	lanning
								Exhibit	P-5A, page	3 of 9

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Exhibit P-21, Production Schedule	dule														4			<u> </u>	<u>.</u>	Date: February 2000	ary ary	3			
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	'BSA/Item	Control	Number												<u>-</u>	l Line	ltem	P-1 Line Item Nomenclature	ınclat	an					
Aircraft Procurement, Air Force, Budget	Force	e, Buc		Xivi	y Q	<u>ب</u> 2	her	Activity 04, Other Aircraft, Item No. 15	raft	Ite	Ž	o. 1	10		<u>ပ</u>	V- 2:	0)	CV-22 (Osprey)	ey)						
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PROCUREMENT YEAR V	QTY		ASOF 1 OCT 1998	900	z o >	OBD	- < z	H H H	< ₽ ¤	₹ < ≻	- D Z	L U D	νшы	0 U F	z o >	O E O	- < z	B E R	4 d a	X Y X	- DZ	u L	¢ D છ	o m d	- E R
Bell-Boeing USAF	0		0	0	Ц			H	Ц		H	${\sf H}$	Н	Ц		1	H	+	\dashv	4				+	0
TOTAL				-	+	_	<u> </u>	+	+	ŀ	┿	+	+	ľ	2	4	+	┿	+	+	ŀ	ŀ	1	۱,	Ī
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			PRODUC	TIONR	TES								PRO	PROCUREMENT LEAD TIME	(ENT	EAD	IME								
	i co	ā	MIN SHIFT SUST HOURS	出品	SHIFT HOURS	M 4	REA	REACHED						CEAD LEAD	ADMIN LEAD TIME		Σ	MFG		TOTAL	-1 €				
MANUFACTOKERS NAME Bell-Boeing	Fort Worth, TX	th, TX		4		₹		<u> </u>	1				Ξ-	PRIOR	AFTER	甾 t	F	WE.		100	≨ ⊢				•
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Date: February 2000	P-1 Line Item Nomenclature	Osprey)	FISCAL YEAR 2004	CALENDAR YEAR 20	E A A E A C C A C			V V	E A P A U B R R Y N	cm)		TIME AFIEK	38 44				Proc	Evhihit D.21 (2) hade 5 of 9
	P-1 Line Ite	CV-22 (Osprey)			E C O E A P T V C N N	1		2		PROCUREMENT LEAD TIME	ADMIN LEAD TIME	PRIOR AFTER	╅					
		aft, Item No. 15	EAR 2003	ENDAR YEAR	P M J L R A M L C C C C C C C C C C C C C C C C C C	E		- - - - - -	A A C C C C A A A A A A A A A A A A A A			<u>.</u>	INITIAL	REORDER			et Item No. 15	St Italii NO. 13
		04, Other Aircr	FISCAL Y								M A RE	\dashv					0 1 Changing I ist Item No. 15	an Builddoile i - L
	rol Number	udget Activity	TEP BALANCE	DUE	AS OF 0 1 OCT C	4 4	9 0	1	001	CTION RAT	MIN SHIFT SUST HOURS	4						
Schodula	Z/BA/BSA/Item Con	Air Force, B	I ACCEP	o de	R QTY 10CT	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	USAF 6	10				LOCATION Fort Worth, TX						
Extitit B 24 /2\ Braduction Schodule	Angenistics (Lessin) Cole/CC/BA/BSA/Item Control Number	Appropriation (Treasury) consecutives are some some series of the Street Aircraft, Item No.			ITEM/MANUFACTURER/ PROCUREMENT YEAR		FY2002 Air Vehicle					MANUFACTURER'S NAME Bell-Boeing			REMARKS			

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Exhibit P-21 (3), Production Schedule	hedule											L		٩	ate: F	Date: February 2000	ıry 20(8		
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	BSA/Item Contr	ol Numbe	١									P-1	Line Ite	P-1 Line Item Nomenclature	nenclat	ure				
Aircraft Procurement, Air Force,	r Force, Bu	Budget Activity 04, Other Aircraft, Item No.	Activ	ity 04	, of .	er Ai	rcrafi	;, Iten	۸.	12		<u>လ</u>	-22 (CV-22 (Osprey	rey)					
<i>V</i>	ACCEP.	⊢	BALANCE			FISC	FISCAL YEAR 2005	2005					-	FISC	FISCAL YEAR 2006	2006	2000		Ī	٦,
ITEM/MANIJEACTURER/ E			_	``}	+	ŀ	⊢		괅	L	ŀ	-	+	⊦		CALENDAR YEAR 2006	AK 2006	\vdash	v	< ⊦
PROCUREMENT YEAR R	QTY 10CT	-	10CT	2 O >	<u>я</u> с	. E E	< 4 a	₹ < ≻	- D Z	ر د ک	O H	< 0 >	- K Z	. ш п	. A A		.pz	. D O	апъ	Ш К
FV2003 Air Vehicle	6		6	╁	╁	⊦	⊢		-	-	-		_		Ц			H		0
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		PRODU	СТІО	RATES	×	THE STATE OF THE S	<u> </u>			Ĕ —	PROCUREMENT LEAD ADMIN	UREMENT LI ADMIN	AD TIME	ы		TOTAL				
MANUFACTURER'S NAME	LOCATION	isos	,	HOURS DAYS	4 × 2	KEACH T	<u>.</u> T				PRIOR	AFITE	- F	MFG		AFTER 1 OCT	1 ~ -			
Bell-Boeing	ron worm, 1A				\$!	10CT	1 OCT								
		+	\parallel				Z	INITIAL REORDER		\dagger			9		<u></u>		4			
BEMARKS																				
CANTAGE																				
					2-1 St	P-1 Shopping List Item No. 15	1 List It	em No	. 15							Γ	Prod	rction	Sch	Production Schedule
						:									Ä	Exhibit P-21 (3), page 6 of 9	P-21 ((3), pa	age 6	of 9

UNCLASSIFIED PAGE 4 - 6

Exhibit P-43 p.1, Simulator and Training Device Justification (\$ M)	and Training De	vice Justificatio	n (\$ M)			eq	Date: February 2000	0
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	/BA/BSA/Item Contri	ol Number				P-1 Line Item Nomenclature	enclature	
Aircraft Procurement, Air Force, Budget	Air Force, Bu	Idget Activity	, 04, Other Ai	Activity 04, Other Aircraft, Item No. 15	lo. 15	CV-22 (Osprey)	ey)	
Weanon System CV-22								
Equipment Nomenclature: Unit Training Device (UTD)	it Training Devic	e (CTTD) e						
Fin Plan	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	Total
Ouantity	1		1	2	0	2	1	8
Proc	21.996	16.502	18.212	28.817	0.807	29.713	13.414	129.461
		•						

FRAINING SYSTEM DESCRIPTION

following/terrain avoidance radar, forward looking infrared sensor, night vision goggle compatibility, and electronic warfare simulation. It will be integrated with the other A WST is a full fidelity motion based simulator. An OFT is a full fidelity, no-motion based simulator. CPTT is a full scale mockup of the cabin to train flight engineers in The CV-22 training facility at Kirtland AFB will include 2 Weapon System Trainers (WST), 1 Operational Flight Trainer (OFT), and one Cabin Part Task Trainer (CPTT). The Air Force and Navy will conduct joint training at MCAS New River, NC for all maintenance training and initial V-22 aircrew qualification training. Development of trainers in the SOF training complex at Kirtland AFB. Delivery of the WST (and OFT) is required by Mar 02 to allow time for installation, integration, shake-down, and (RFT) date. Initial training will require a Weapon System Trainer (WST), which has a three year procurement lead time, and an Operational Flight Trainer (OFT), which Schoolhouse at Kirtland AFB, NM. In order to support the CV-22 IOC date of 4QFY04, a CV-22 training capability must be in place by the Sep 02 Ready for Training initial instructor cadre checkout prior to RFT. The first four CV-22 aircraft will be training assets based at Kirtland AFB; they will deliver between Mar 03 and Sep 03. has a two year procurement lead time. The CV-22 WST will be a 6 degree-of-freedom, full flight simulator that includes day/night/dusk instrument conditions, terrain the joint training facility is funded by the Navy. CV-22 SOF-unique aircrew mission training will be conducted at the Special Operations Mission Qualification loadmaster/crew chief duties (loading and unloading of aircraft, hoist operations, cabin rigging for airdrop and paratrooper operations. Four additional OFTs will be procured for unit level training at SOF air bases. The CPTT will be procured in FY02. Procurement costs for the training systems will be split between USSOCOM (15%) and USAF (85%).

P-1 Shopping List Item No. 15

Simulator and Training Device Justification (\$ M) Exhibit P-43 p.1, page 7 of 9

Exhibit P-43 p.2, Simulator and Training Device Justification (\$\frac{4}{3}\$) Appropriation (Treasury) Code/CC/BA/BSA/Hem Control Number Air Force, Budget Activity 04, Other Aircraft, Item No. 15 Weapon System CV-22 Equipment Nomenclature: Unit Training Device (UTD) FQUEDATE AVG FY 1999 FOC Date SITE DELIVERY READY AVG FY 1999 FOC Date SITE DELIVERY READY AVG FY 1999 BY TYPE BY TYPE DATE THROUGH QTY COST Weapon System Trainer (OFT) Kirtland Feb-02 41 1 21:9 (WST) Operational Flight Kirtland Feb-02 41 1 21:9 WST Hurlburt Nov-04 41 41 62 62 WST PACOM Feb-05 23 23 62 OFT West Coast Nov-07 62 62 Cabin Part Task Trainer Kirtland Nov-04 72	d STUDENT HROUGH PUT 41 41 41 41 41 41 41 41 41 41 41 41 41	OTY 1999	No. 15 COST 21.996	P-1 Line Item CV-22 (C CV-22 (C		brey) FY 2001 FY 136 14.136	001 COST
Apircraft Procurement, Air Force, Budget Activity 04, Other/Neapon System CV-22 Weapon System CV-22 Equipment Nomenclature: Unit Training Device (UTD) Equipment Nomenclature: Unit Training Device (UTD) IOC Date Sep 2004 AVG TRAINING SITE DELIVERY AVG DEVICE SITE DELIVERY AVG BY TYPE TRAINING STUDENT Weapon System Trainer Kirtland Feb-02 4 (WST) Operational Flight Kirtland Feb-02 4 CWST) OFT Hurlburt Nov-04 4 OFT PACOM Feb-05 6 OFT West Coast Nov-06 6 OFT West Coast Nov-07 6 Cabin Part Task Trainer Kirtland Nov-06 6	AVG STUDENT THROUGH PUT 41 41 41 41 41 41 41 41 41 41 41 41 41	QTY 199	No. 15 COST 21.996	CV-22 CV-22 OTY	(Osprey) OST COST 14.136	QTY	001 COST
Weapon System CV-22 Equipment Nomenclature: Unit Training Device (UTD) IOC Date Sep 2004 TRAINING SITE DELIVERY READY AVG PUT TIME TRAINING STUDENT BY TYPE TIME TRAINING STUDENT BY TYPE TRAINING STUDENT Weapon System Trainer Kirtland Feb-02 4 CWST Morational Flight Kirtland Feb-02 4 OFT Hurlburt Nov-04 4 OFT PACOM Feb-05 2 OFT West Coast Nov-06 2 OFT West Coast Nov-07 6 Cabin Part Task Trainer Kirtland Nov-04 7	AVG G STUDENT THROUGH PUT 41 41 41 41 62 62 23 23	QTY 1	COST 21.996		1 1 1 1 8 1 1 1 1 1		001 COST
Ire: Unit Training Device (UTD) Sep 2004 READY AVG SITE TIME TRAINING STUDEN TIME TRAINING STUDEN Mirtland Feb-02 PUT Kirtland Feb-02 PUT Kirtland Nov-04 PACOM Feb-05 EUCOM Nov-04 EUCOM Nov-06 Nov-06 West Coast Nov-07 Nov-04 Kirtland Nov-06 Nov-07	AVG STUDENT THROUGH PUT 41 41 62 62 62 62 23				1 8		001 COST
Sep 2004 READY READY AVG	AVG STUDENT THROUGH PUT 41 41 41 62 62 62		8				001 COST
AINING SITE DELIVERY READY AVG EVICE TIME TRAINING STUDEN TYPE DATE THROUG ystem Trainer Kirtland Feb-02 PUT FT) Hurlburt Nov-04 PACOM Feb-05 FT) Hurlburt Nov-04 PACOM Feb-05 EUCOM Nov-06 Nov-06 PACOM Nov-06 West Coast Nov-07 Nov-07 Nov-04 Task Trainer Kirtland Nov-04 Nov-04	AVG STUDENT THROUGH PUT 41 41 62 62 62 23 23		1 1 8 1 1 1 1 1 1 1		8		001 COST
TIME TRAINING STUDEN	STUDENT THROUGH PUT 41 41 41 42 62 62 62 23				8	QTY	COST
BY TYPE DATE THROUG on System Trainer Kirtland Feb-02 PUT tional Flight Kirtland Feb-02 Feb-02 er (OFT) Hurlburt Nov-04 Feb-05 Kirtland Nov-04 Feb-05 Feb-05 PACOM Feb-05 West Coast Nov-04 West Coast Nov-06 Nov-07 Nov-07 I Part Task Trainer Kirtland Nov-04 Nov-04	THROUGH PUT 41 41 41 41 62 62 23	QTY 1	21.996	QTY 1	COST 14.136	QTY	COST
on System Trainer Kirtland Feb-02 itional Flight Kirtland Feb-02 er (OFT) Hurlburt Nov-04 EUCOM Feb-05 EUCOM Nov-06 EUCOM Nov-06 EUCOM Nov-06 EUCOM Nov-06 EUCOM Nov-06 EUCOM Nov-06	41 41 62 62 23 23 62 62	-	21.996		14.136		
trional Flight Kirtland Feb-02 er (OFT) Hurlburt Nov-04 Kirtland Nov-04 PACOM Feb-05 EUCOM Nov-06 West Coast Nov-07 Nov-04 Nov-104 Nov-104	41 41 41 23 23 62			-	14.136		
Hurlburt Nov-03 Kirtland Nov-04 PACOM Feb-05 EUCOM Nov-06 West Coast Nov-07 Nov-04 Nov-0	62 23 23 62						
Kirtland Nov-04 PACOM Feb-05 EUCOM Nov-06 West Coast Nov-07 Nov-04 Nov-0	23 23 62						13.921
PACOM Feb-05 EUCOM Nov-06 Nov-07 Part Task Trainer Kirtland Nov-04	23 62						
EUCOM Nov-06 West Coast Nov-07 Nov-04 Nov-05 No	23						
West Coast Nov-07 n Part Task Trainer Kirtland Nov-04	62	•					
n Part Task Trainer Kirtland Nov-04	6	-					
	7/						
(CPPT)			300.0	•	261.41		13 021
TOTAL			21.996	7	14.130	1	13.921

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Exhibit P-43 n.3. Simulator and Training Device Justification (\$ M)	and Training	1 Device Justi	fication (\$ M)					Date: Fe	Date: February 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget A	BA/BSA/Item C Air Force.	Sontrol Number Budget Ac	tivity 04, C	Other Aircr	Activity 04, Other Aircraft, Item No. 15	0. 15	P-1 Line I CV-22	P-1 Line Item Nomenclature CV-22 (Osprey)	Đ	
Weapon System CV-22										
Equipment Nomenclature: Aircrew Trainers	crew Trainer	r's								
Description:										
* Procurement costs will be split between USSOCOM (15%) and USAF (85%)	it between US	SOCOM (15%)	and USAF (85	2%)						
The Air Force and Navy will conduct joint training at MCAS New River, NC for all maintenance training and initial V-22 aircrew qualification training. Development of the joint training facility is funded by the Navy. CV-22 SOF-unique aircrew mission training will be conducted at the Special Operations Mission Qualification	nduct joint tra	ining at MCAS y. CV-22 SOF-	New River, NC unique aircrew	C for all mainte	enance training on will be cond	and initial V-2 lucted at the Sy	22 aircrew qua pecial Operations the in place	ilification trainii ons Mission Qu by the Sep 02 R	ng. Developma alification Ready for Train	ent of ing
Schoolhouse at Kirtland AFB, NM. In order to support the CV-22 IOC date of ACFT, a CV-22 date in the sum of the control of the	require a Wealtime. The C	apon System Tra V-22 WST will	v-22 100 uato ainer (WST), w be a 6 degree-c	which has a thre	e year procurer I flight simulate	ment lead time or that include	, and an Opers s day/night/du	ational Flight T	rainer (OFT), v	vhich tin
following/terrain avoidance radar, forward looking infrared sensor, night vision goggle compatibility, and electronic warfare simulation. It will be integrated with the other training complex at Kirtland AFB. Delivery of the WST (and OFT) is required by Mar 02 to allow time for installation, integration, shake-down, and training complex at Kirtland AFB. Delivery of the WST (and OFT) is required by Mar 02 to allow time for installation, integration, shake-down, and	ar, forward loc iplex at Kirtlar	oking infrared sond AFB. Delive	ensor, night vis	sion goggle con (and OFT) is r	npatibility, and required by Ma	electronic was at 02 to allow the	rfare simulatic	on. It will be in lation, integration	tegrated with the construction on, shake-down	ne other 1, and
initial instructor cadre checkout prior to RFT. The first four CV-22 aircraft will be training assets based at Kurtland AFB; they will deliver between Mar U3 and Sep U3. The CV-22 training facility at Kirtland AFB will include 2 Weapon System Trainers (WST), 1 Operational Flight Trainers (OFT), and one Cabin Part Task Trainer (CPTT).	prior to RFT. Cirtland AFB v	The first four (will include 2 W	CV-22 aircraft eapon System'	will be training Trainers (WST	g assets based a), 1 Operationa	t Kurtland AFI 11 Flight Traind	s; tney will ac ers (OFT), and	inver between in I one Cabin Pari	nar us and sep t Task Trainer (os. (CPTT).
Tour grantonian or us will be	FY	FY 1999	FY 2000	3000	FY 2001	100	To Co	To Complete	Total Costs	Costs
FINANCIAL PLAN	QTY	COST	QTY	COST	QTY	COST	QTY	COST	QTY	COST
Hardware Costs										101
WST	1	21.996						12.428	7	34.424
OFT			-1	14.136	-	13.921	5	30.980	C -	05.045
CPTT	-	200		14 136		13 021	1 5	8.047	-1 00	8.047
Total Hardware Costs		71.990	1	14.130		17:27	9	101.10		
Support Costs										
7.7				2.366		4.291		16.848		23.505
Total Support Costs				2.366		4.291		16.848		23.505
TOTAL COSTS		1 21.996	-	16.502	-	18.212	5	74.309	8	131.019
			L	1 Shopping Li	P-1 Shopping List Item No. 15	10	Simulator a	Simulator and Training Device Justification (\$ M) Exhibit P-43 p.3, page 9 of 9	ing Device Justification (\$ M Exhibit P-43 p.3, page 9 of 9	cation (\$ M) page 9 of 9
			CNI	NASSIFIE	INCI ASSIEIED PAGE 4 - 9	6-				
			75	i 5 5 5	- 175	>				

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Fxhibit P-40. Budget Item Justification	ustification							'	Date: February 2000	uary 2000	
Amountation (Treasury) Code/CC/RA/RSA/Item Control Number	/RA/RSA/ltem	Control Numb						P-1 Line Item	P-1 Line Item Nomendature		
Aircraft Procurement. Air Force. Budget A	Air Force	Budget	Activity 0	ctivity 04, Other Aircraft, Item No. 16	Aircraft, II	em No. 1		CV-22 (O	CV-22 (Osprey) Advance	dvance	
				•				Procurement	nent		
Program Flement for Code B Items:	ems:	N/A			Other Relate	Other Related Program Elements:	ements:				
Togian Francisco	ID Code	Prior Years	Prior Years FY 1999 FY 2000	1	FY 2001 FY 2002 FY 2003	FY 2002		FY 2004	FY 2005	To Comp	Total
rroc Qty	c										
Cost (\$ M)											
Advance Proc Cost (\$ M)				19.915	27.209	57.330	69.884	55.230	46.944	13.968	290.480
Advance inc cost (4 iv.)				10015	27 209	57.330	69.884	55.230	46.944	13.968	290.480
weapon system Cost (\$ INI)				17:71							
Initial Spares (\$ M)							, 00	00000	1,00,7	13.070	000
Total Proc Cost (\$ M)				19.915	27.209	57.330	69.884	55.230	40.944	13.908	790.400
Flyaway Unit Cost (\$ M)											
Wpn Sys Unit Cost (\$ M)											

Description

electronic warfare suite, etc. The Air Force will fund 85 percent of the procurement cost for CV-22 training systems; USSOCOM, 15 percent. The Air Force and Navy will utilize joint training facilities at MCAS New River, NC to conduct all maintenance training and initial V-22 aircrew qualification training. CV-22 SOF-unique aircrew responsible for managing and funding the development of all V-22 variants, including the CV-22. The Air Force will procure and field 50 CV-22 aircraft and support The CV-22 is a Special Operations Forces (SOF) variant of the V-22 vertical lift, multi-mission aircraft. The CV-22 will provide long-range, high speed infiltration, equipment for USSOCOM, conduct IOT&E, and provide Type I training. USSOCOM funds the procurement of SOF unique systems, e.g. terrain following radar, exfiltration, and resupply to special forces teams in hostile, denied, and politically sensitive areas. The Navy is the lead service for the joint V-22 program and is mission training will be conducted at the Special Operations Mission Qualification Schoolhouse at Kirtland AFB, NM.

FY 2001 Program Justification

\$27.21M in Advance Procurement procures long lead items for the six aircraft to be procured in FY02.

P-1 Shopping List Item No. 16

Budget Item Justification Exhibit P-40, page 1 of 3

					コリニのクレインとつ							
Exhibit P-10 p.1, Advance Procurement Requirements Analysis (Page 1 - Funding)	ance Procu	urement Re	quirements	Analysis						Date: February 2000	ary 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	ode/CC/BA/E	3SA/Item Cont	rol Number					<u>-</u> д	P-1 Line Item Nomenclature	omenclature	İ	
Aircraft Procurement, Air Force, Budget	nent, Air	Force, B	udget Act	tivity 04,	Activity 04, Other Aircraft, Item No. 16	craft, Iter	n No. 16	<u>ပ</u>	V-22 (Os	CV-22 (Osprey) Advance	vance	
								믜	Procurement	ent		
Weapon System						First System Award Date	Award Date			First System	First System Completion Date	ate
CV22AP												
					(\$ in M	(\$ in Millions)					\ 	
Description	PLT	When Rad	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Comp	lotai
End Item Qty	38	Mar-03			4	9	6	6	6	9	4	00
		,	177.5		10.747	75 100	991.55	68 203	53,606	45.285	13.217	281.591
CFE	38	Mar-03	N/A		19.242	20.102	22.100	2000				
GFE												
E00												
Design												
Term Liability												
EB								-	1,000	,	010	0.023
AN/AVR-2A(V)	13	Jan-02	N/A		0.609	0.928	1.414	1.437	1.467	1.498	0.0/9	0.032
Notch Filter	8	1	N/A		0.001	0.002	0.003	0.004	0.004	0.004	0.001	0.019
ARN-147 (V)	19	Apr-02	N/A		0.044	0.067	0.102	0.104	0.106		0.049	0.380
Main Mount	18	<u> </u>	N/A		0.007	0.003	0.005	0.005	0.000	0.000	c00.0	0.029
Pneumatic Tire								1000	200	000	0 003	0000
External Power	12	Sep-01			0.003	0.005	0.007	0.00	0.00		cov.0	0.0
Monitor								7000	3000	0.035	9100	0.180
RCU Battery	8	Oct-01			0.014			0.034	0.033		0.010	0.167
TOTAL AP			0.000		19.915	27.209	57.330	69.884	55.230	46.944	13.908	290.480
Description: Occurrence of long-lead parts and materials		and potential on	o toriumet o	, lishility ha	sis reflectino	contractor's	funding reau	rements for 1	procurement	of long-lead	parts and mat	erials
Airtrame/CFE requ	rements are	calculated on	te/CFE requirements are calculated on a termination naturally oasis, reforming contracts a remaining of a fully funded basis. FYO2 starts advance	firmished e	oninment (GF	E) requireme	ents are deten	nined on a fr	illy funded b	asis. FY02 st	arts advance	

necessary to protect the delivery schedule. Other government furnished equipment (GFE) requirements are determined on a fully fun procurement for a planned multi-year production contract for FY03-FY07.

P-1 Shopping List Item No. 16

Advance Procurement Requirements Analysis (Page 1 - Funding) Exhibit P-10 p.1, page 2 of 3

			UNCLASSIFIED			
Exhibit P-10 p.2, Advance Procurement Requirements Analysis (Page 2 - Budget Justification)	ent Requirements Ar	nalysis			Date: February 2000	ary zuou
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	m Control Number	th, 04 Other Air	oN med Hear		P-1 Line Item Nomenclature CV-22 (Osprev) Advance	vance
Aliciait rioculellelli, Ali roic	e, buaget Acut	113 04, Oulei A	cian, nein rec		Procurement	
Weapon System CV22AP						
		(TOA, \$ in	(TOA, \$ in Millions)			
Description	PLT	OPA	Unit Cost	FY 2001 OTY	FY 2001 Contract Forecast Date	FY 2001 Total Cost Request
End Item	38	1			4 Feb-01	27.209
H	38				4 Feb-01	26.182
GFE						
ЕОО						
Design						
Term Liability						
GFE						8000
AN/AVR-2A(V)	13					0.000
Notch Filter	00	4				200.0
ARN-147 (V)	19					0.00
Main Mount Pneumatic Tire	18	4				0.003
External Power Monitor	12					0.00
RCU Battery	8					0.022
TOTAL AP						27.209
Description:						
		P-1 Shopping	P-1 Shopping List Item No. 16	Ad	Advance Procurement Requirements Analysis (Page 2 - Budget Justification) Exhibit P-10 p.2. page 3 of 3	rement Requirements Analysis (Page 2 - Budget Justification) Exhibit P-10 p.2. page 3 of 3
		HACE ASSIGNED BACE	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			

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Estitit B.40 Budget Item Instification	ustification								Date: February 2000	uary 2000	
Exilibit r-40, buaget tieni o								P-1 Line Item Nomenclature	Nomenclature		
Appropriation (Treasury) Code/CC/BABSA/Item Control Number	BABSAMem Air Force	Control Number	Activity 0	4. Other	Activity 04. Other Aircraft, Item No. 17	tem No. 1	7	C-37A (Small VCX)	mall VCX		
All clair Flocal clincing		INIVA		•	Other Relate	Other Related Program Elements:	ements:				
Program Element for Code 5 Items:	Ems:				Outor votino	-0				Ç	F
0	ID Code	TO Code Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004 FY 2000 FY 2001 FY 2002 FY 2003 FY 2004 FY 2005 10 Comp 10tal	FY 2005	10 Comp	lotal
	1D COUR	11101 1 2010									
Dence Otty	_ <	3	4								
1100 (1)			00.								264 699
Total Proc Cost (\$ M)		104.900	159.799								

Description

Presidential emissaries, and other high ranking dignitaries of the United States. These aircraft offer improved reliability, reduced O&S costs, compliance with Federal Aviation (AA) and International Civil Aviation Organization (ICAO) noise and pollution standards. The C-37A is a long-range executive passenger jet that will provide worldwide air transportation for the Vice President, cabinet members, congressional delegations,

FY 2001 Program Justification N/A

P-1 Shopping List Item No. 17

Exhibit P-40, page 1 of 5 Budget Item Justification

Exhibit P-5. Weapon System Cost Analysis								Date: Febi	Date: February 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	ol Number						P-1 Line Item Nomenclature	Vomenclature		
Aircraft Procurement, Air Force, Budget	dget A	ctivity 0	t, Other A	Activity 04, Other Aircraft, Item No. 17	m No. 1		C-37A (Small VCX)	nall VCX		
Manufacturer's Name/Plant City/State Location				Subline Item						
Weapon System	Ident				Total Cos	Total Cost In Millions of Dollars	of Dollars			
Cost Elements	Code		FY 1999			FY 2000			FY 2001	
				Total			Total	Č		Total
		Qty	Unit Cost	Cost	Oth	Unit Cost	Cost	ÇÎ	Unit Cost	Cost
Avionics	Ą	4		159.799						
Armament	A									
Software	А									
Other Government Furnished Equipment (GFE)	Α									
Engineering Change Orders (ECO)	A									
Nonrecurring Costs	Ą									
Other Costs	A									
FLYAWAY COST SUBTOTAL	A			159.799						
Airframe Peculiar Ground Support Equipment (PGSE)	A									
Engine PGSE	Ą									
Peculiar Training Equipment	A									
Publications/Technical Data	A									
ECOs	A									
Other	Ą									
SUPPORT COST SUBTOTAL	V									
TOTAL BROGBAM				159.799						
OLAN LINGUIA										
EV 08 finds one C-37A for the U.S. Army as directed by	cted by th	e FY 98 Def	ense Appropr	the FY 98 Defense Appropriation Bill. These funds were combined with funds available from FY 97 savings and	nese funds w	ere combine	d with funds a	vailable fror	n FY 97 savin	gs and
proceeds from the trade-in of an Army C-20 aircraft.	3		1 11							
			P-1 Shoppir	P-1 Shopping List Item No. 17	lo. 17			Weapor	Weapon System Cost Analysis Exhibit P-5, page 2 of 5	st Analysis page 2 of 5

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Exhibit P.5A Procurement History and Planning	Histo	v and Pla	nnina					Õ	Date: February 2000	ry 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	/BA/BS	A/Item Cont	rol Number					P-1 Line Item Nomenclature	enclature		
Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 17	Air F	-orce, B	udget Act	ivity 04,	Other Air	craft, Item		C-37A (Small VCX)	I VCX)		
Weapon System					Subline Item						
C-37A									,		
HDS Cort Elements	<u></u>	Local	Location of	RFP Issue Contract	Contract	Contract	Contractor and Location	Award Date	Date of First Delivery	Specs Available Now?	Date Revisions Available?
WBS Cost Elements	<u>ک</u> اک	2	ASC/LAAV		Political	FP	Gulfstream	T		Yes	
		1_	N/A ASCLAAV			FFP	Gulfstream	Mar-98	-	Yes	
	4		40.100 ASC/LAAV			FFP	Gulfstream		Jun-00	Yes	
Remarks											
				4	1 Shopping	P-1 Shopping List Item No. 17	17	Proc	curement h	Procurement History and Planning	1 Planning
					•				Exhi	Exhibit P-5A, page 3 of 5	age 3 of 5
						70.0	17				

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Exhibit P-21, Production Schedule	ule													_			Cat	- Le	oruar	Date: February 2000	3		
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	SA/Item (Control N	umber											P-1	Line	Item	ome	P-1 Line Item Nomendature	ē				
Aircraft Procurement, Air Force, Budget A	Force	, Budg	let Acti	vity	94,	Othe	Activity 04, Other Aircraft, Item No. 17	.craf	t, Ite	NE	0.1	2		ပဲ	37A	S)	nall	C-37A (Small VCX)	X				
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Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	C/BA/B	SA/Item	Control	Control Number Distance Activity, 04 Other Aircraft Ifem No.	*i/;+:	2	Š	Jor A	iror	#.	5	Z	17			C-37A (Small VCX)	N A	3mg	>	S	_				
Aircraft Procurement, All Force,	7	5	ני חת	יאל ני		5		5		1000			:	-	+		1	EISC	AI. YE	AR 200				r	7
	s		ACCEP.	BALANCE	<u>_</u>	0000		2	1	FISCAL TEAK 2001	LENDA	CALENDAR YEAR 2001	2001	-			L		CALI	CALENDAR YEAR 2002	YEAR	2002			٧
ITEM/MANUFACTURER/ PROCUREMENT YEAR	шĸ	PROC. QTY	250		00	z o	D E	A F	Σ <	V d	Z A	- D		S C C	zo	Β	- 4	r n	ΣV	A A	n	'n.	ΥD	SШ	LШ
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MANUFACTURER'S NAME		LOCATION	NO		DAYS	K.S	×	Ā	+					PRIOR	┢	FTER	Ţ	TIME		AF O	AFTER 1 OCT				
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REMARKS																					١				
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Exhibit P-40, Budget Item Justification	ustification								Date: Feb	Date: February 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	/BA/BSA/Item	Control Number	je je					P-1 Line Item	P-1 Line Item Nomenclature		
Aircraft Procurement, Air Force, Budget	Air Force	, Budget	Activity 0	4, Other	Activity 04, Other Aircraft, Item No. 18	tem No. 1	∞	C-32A (L	C-32A (Large VCX)	(
Program Element for Code B Items:	ems:	N/A			Other Relate	Other Related Program Elements:	ements:				
	ID Code	ID Code Prior Years	FY 1999 FY 2000	FY 2000	FY 2001 FY 2002 FY 2003	FY 2002	FY 2003	FY 2004 FY 2005 To Comp Total	FY 2005	To Comp	Total
Proc Oty	A	2	2								4
Total Proc Cost (\$ M)		180.800	158.877								339.677

Description

emissaries, and other high ranking dignitaries of the United States. Four C-32A - Boeing 757-200s were procured under a FY 96 lease-to-purchase contract. The C-32A aircraft offer improved reliability, reduced O&S costs, compliance with Federal Aviation Administration (FAA) and International Civil Aviation Organization (ICAO) noise The C-32 is a long-range executive jet that will provide worldwide air transportation for the Vice President, cabinet members, congressional delegations, Presidential and pollution standards.

FY 2001 Program Justification

			ONC L	UNCLASSIFIED						
Exhibit P-5, Weapon System Cost Analysis								Date: February 2000	uary 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	ol Number	70.41.41	4 - 6 - 4 - 6	241 #3crear;	No. 4		P-1 Line Item Nomenclature	Jomendature		
Aircraft Procurement, Air Force, Budger Activity 04, Other Aircraft, Item No. 10	laget A	CTIVITY U	t, Otner A	ircrait, ite	NO.		2-32A (EQ	ACA SE		
Manufacturer's Name/Plant City/State Location				Subline Item						
Weapon System	Ident				Total Cos	Total Cost In Millions of Dollars	of Dollars			
Cost Elements	Code		FY 1999			FY 2000			FY 2001	
		άô	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Avionics	A	2		155.000						
Armament	A									
Software	Α									
Other Government Furnished Equipment (GFE)	Α									
Engineering Change Orders (ECO)	Α									
Nonrecurring Costs	A									
Other Costs	A			3.877						
FLYAWAY COST SUBTOTAL	A			158.877						
Airframe Peculiar Ground Support Equipment	A									
Engine PGSE	⋖									
Peculiar Training Equipment	A									
Publications/Technical Data	Ą									
ECOs	Ą									
Other	A									
SUPPORT COST SUBTOTAL	A									
TOTAL PROGRAM				158.877						
Comments										
			P-1 Shoppir	P-1 Shopping List Item No. 18	to. 18			Weapon	Weapon System Cost Analysis Exhibit P-5, page 2 of 4	st Analysis page 2 of 4
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									Date: Eshrijary 2000	0000	
Exhibit P-5A, Procurement History and Planning	History	and Plar	guint					ב 	מופי ו סטו עם	11 £000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement. Air Force. Budget Activity 04, Other Aircraft, Item No. 18	Air Fo	Item Contr rce. Bu	ol Number Idget Acti	vity 04, (Other Air	craft, Item		C-32A (Large VCX)	nenclature Je VCX)		
Women Surfam					Subline Item						
C-32											
			Location of	RFP Issue Contract	Contract	Contract			Date of First		
WBS Cost Elements		Unit Cost PCO	PCO	Date	Method		Contractor and Location		Delivery Inn-08	Now?	Available?
	7 0	89.800	89.800 ASC/LAAV			FFF	Boeing	Aug-96		\neg	
	7	000.//	ASC/LAAV				amount of the second	0	1	7	
Remarks											
				q.	-1 Shopping	P-1 Shopping List Item No. 18	18	Pro	curement	Procurement History and Planning Exhibit P-5A, page 3 of 4	I Planning age 3 of 4
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Date: February 2000	P-1 Line Item Nomendature	C-32A (Large VCX)	FISCAL YEAR 2000	ઇ ;	2 < K				Σ∢∝		m							
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1	Ì	Activity 04, Other Aircraft, Item No. 18	l	П	D E	П			O B O	M	٧×					١	P-1 Shopping List Item No. 18	
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	P.	iation		;	ITEM/MANUFACTURER/ PROCUREMENT YEAR						CTUR	ircraft			9			
Ė	Exhibit P-21, Production Schedule	Appropriation (Treasury) Code/CC/BA/BSA/Item Control Numbe Aircraft Procurement: Air Force, Budget /			E K		$\ \ $	TOTAL	2		MANUFACTURER'S NAME	Boeing Aircraft			REMARKS			
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Exhibit P-40. Budget Item Justification	ustification								Date: Feb	Date: February 2000	
Approximation (Treasury) Code/CC/BA/BSA/Item Control Number	/RA/RSA/Item	Control Number						P-1 Line Item	P-1 Line Item Nomenclature		
Aircraft Procurement. Air Force, Budget	Air Force	. Budget	Activity (4, Other	Aircraft,	Activity 04, Other Aircraft, Item No. 19	6	C-32B FI	ST/DEST	C-32B FEST/DEST AIRCRAFT	T.
Drogram Flement for Code B Irems.	ems.	N/A			Other Relate	Other Related Program Elements:	ements:		None		
r rogiam cromone roi coco e re	ID Code	TD Code Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 1999 FY 2000 FY 2001 FY 2002 FY 2003 FY 2004 FY 2005 To Comp Total	Total
				-						0	2
Froc Quy	¢			*		100					144 052
Total Proc Cost (\$ M)				73.000		71.963					144.703

Description

This line item provides funds for the procurement of two (2) C-32B aircraft, required mission enhancements, and associated initial support required for the aircraft. These aircraft will ultimately replace the current aging Gatekeeper aircraft to provide an increased level of transport capability in support of worldwide operations to select government agencies on the recommendation of the National Security Council and the Department of Defense (DoD). One (1) aircraft with associated support will be purchased in FY00 and the second in FY02.

FY 2001 Program Justification

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Budget Item Justification Exhibit P-40, page 1 of 3

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Exhibit P-5, Weapon System Cost Analysis								Date: Febr	Date: February 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	rol Number						P-1 Line Item Nomenclature	lomenclature		
Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 19	udget A	ctivity 0	4, Other A	Vircraft, Ite	em No. 1		C-32B FEST/DEST AIRCRAFT	ST/DEST	AIRCRA	FT
Manufacturer's Name/Plant City/State Location				Subline Item						
Weapon System	Ident				Total Cos	Total Cost In Millions of Dollars	of Dollars			
Cost Elements	Code		FY 1999			FY 2000			FY 2001	
	-	څ	I Init Cost	Total	Š	Tinit Coet	Total	Š	I Init Cost	Total
Aircraft	4	(1)	Ount Cost	1600	(<u>)</u>	1000	45,000		1000 11110	1000
Mission Equipment	A						18.750			
FLYAWAY COST SUBTOTAL	A						63.750			
Support Equipment	Ą						9.250			
SUPPORT COST SUBTOTAL	A						9.250			
TOTAL PROGRAM							73.000			
Comments				-						
										,
			P-1 Shonnin	P-1 Shonning I ist Item No. 19	lo 19			Weapon	Weapon System Cost Analysis	of Analysis
									Exhibit P-5. page 2 of 3	sage 2 of 3

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Date: February 2000	D 4 Line Nemenalatura	Item Nomendature	\$F-	FISCAL YEAR 2000	E W A W I I A S	A E A P A U U U E E E N N B R R Y N L G P R		A E A M J J A S M B A W U U U U E E M M M M M M M M M M M M M M	16	MFG TOTAL AFTER					
		ontrol Number	Activity 04, Other Aircraft, Item No. 19	ACCEP. BALANCE FISCAL YBAR I	PRIOR DUE 1998 CALENDAR YEAR 1999	PROCUREMENT YEAR R QTY 10CT 10CT C O E A E A P A U U D E C O C C O C A C C C C C C C C C C C C C	1990 1990 11 4 5 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	O N D J F M A M J J A S O N D C O E A E A P A U U U E C O E	PROCUREMENT LI	MIN SHIFT M SUST HOURS A REACHED	I PRIOR	!	HEUDER	REMARKS	At this time, the specific contractor selection has not been made for this acquisition.

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Exhibit P-40. Budget Item Justification	Justification								Date: February 2000	uary 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	3/BA/BSA/Item	Control Number						P-1 Line Item	P-1 Line Item Nomenclature		
Aircraft Procurement, Air Force, Budget	Air Force	9, Budget	Activity 04, Other Aircraft, Item No. 22	4, Other /	Aircraft, II	em No. 2		Target Drones	ones		
Program Element for Code B Items:	ems:	N/A			Other Related Program Elements:	Program El			64258F		
	ID Code	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Comp	Total
Proc Oty	¥										
Cost (\$ M)				31.332	32.915	36.688	37.217	46.874	39.181	TBD	TBD
Advance Proc Cost (\$ M)											
Weapon System Cost (\$ M)				31.332	32.915	36.688	37.217	46.874	39.181	TBD	TBD
Initial Spares (\$ M)			0.000	0.885	019'0	0.729	0.973	0.976	0.978		5.151
Total Proc Cost (\$ M)			0.000	32.217	33.525	37.417	38.190	47.850	40.159	TBD	TBD
Flyaway Unit Cost (\$ M)											
Wpn Sys Unit Cost (\$ M)											

Description

The target drones program funds for aerial targets to ensure air-to-air weapons effectiveness and mission proficiency of Air Force tactical weapon systems. The objective is to improve air-to-air weapon system accuracy and reliability by developing aerial target systems for Air Force weapons system test and evaluation. This program provides funds for the procurement of full scale (QF-4) and subscale aerial targets required for Congressionally mandated live fire tests.

FY 2001 Program Justification

program fighter aircraft upgrades. Procurment funds for the BQM-34 target drones (32 in FY00) are required to meet test and training requirements. Funds for QF-4 full Procurement funds are for full scale and subscale aerial targets for the AMRAAM, AIM-9, AIM-7 programs, for the F-22 test program, and for all operational flight scale aerial targets (12 in FY00) are required to meet existing development and operational test requirements. Starting in FY00 funding for Target Drones transitioned from Missile Procurement Air Force (MPAF) to Aircraft Procurement Air Force (APAF). This document contains funding starting in FY00 and beyond.

P-1 Shopping List Item No. 22

Budget Item Justification Exhibit P-40, page 1 of 9

Exhibit P-5, Weapon System Cost Analysis								Date: February 2000	uary 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Numbe	rol Number						P-1 Line Item Nomendature	lomenclature		
Aircraft Procurement, Air Force, Budget	udget ⊿	ctivity 0	Activity 04, Other Aircraft, Item No. 22	ircraft, Ite	am No. 22		Target Drones	ones		
Manufacturer's Name/Plant City/State Location				Subline Item						
QF-4 (BAE Systems, Mojave, CA) BQM-34 (Northrop Grumman, San Diego, CA)	rthrop Gru	mman, San I	Diego, CA)							
Weapon System	Ident				Total Cost	Total Cost In Millions of Dollars	of Dollars			
Cost Elements	Code		FY 1999			FY 2000			FY 2001	
		Ot,	Unit Cost	Total Cost	Óty	Unit Cost	Total Cost	Qtà	Unit Cost	Total Cost
QF-4 FULL SCALE AERIAL TARGET	Ą									
FLYAWAY COST										
QF-4 Hardware Recurring	A									
Aircraft Drone Mod & Integ	Α				12	0.630	7.558	13	0.659	8.569
Scoring System (VDOPS)	A									
F-4 In Plant Repairs	Α						0.321			0.355
Environ Stress Test of Destruct Units	A									
Engineering Change Orders	Y						0.000			1.052
Warranty	A						0.190			0.192
Aircraft Withdrawal/AMARC	A									
Restricted Manned Perf to 3G	A				12	0.296	3.549	13	0.296	3.845
Unrestricted Manned Perf to 6G	Α									
MILSTRIP RSD	Y						0.150			0.150
MILSTRIP EOQ	Y						0.200			0.200
FLYAWAY COST SUBTOTAL	Α						11.968			14.363
QF-4 Support Cost	Α									
Data Tech Manuals	Α						0.056			0.058
On Call Engineering Support	Α						0.026			0.027
Prime Contractor Technical Support	Α						0.115			0.117
Government Support	A						2.346			3.044
SUPPORT COST SUBTOTAL	A						2.543			3.246
INITIAL SPARES	A									
BQM-34 SUBSCALE FLYAWAY COST	A						30,	,		
Airframes	A				32	0.425	13.600	16	0.728	11.655
ECO	A						0.000			0.521
			P-1 Shoppin	P-1 Shopping List Item No. 22	lo. 22			Weapon	Weapon System Cost Analysis	st Analysis
									Exhibit P-5, page 2 of 9	page 2 of 9
			INCLASSIEIED DAGE	ובט פעכו	7 30					

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Exhibit P-5, Weapon System Cost Analysis	s							Date: February 2000	uary 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	trol Number						P-1 Line Item Nomenclature	lomenclature		
Aircraft Procurement, Air Force, Budget	udget A	ctivity 0	Activity 04, Other Aircraft, Item No. 22	ircraft, Ite	am No. 22		Target Drones	ones		
Weapon System	Ident				Total Cost	Total Cost In Millions of Dollars	of Dollars			
Cost Elements	Code		FY 1999			FY 2000			FY 2001	
				Total			Total			Total
		Qty	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
GFE	A									
Engines	A				32	0.025	0.800	28	0.014	0.400
IFF (L-Band) Transponders	A				32	0.003	0.102	28	0.002	0.052
Locator Beacons	Ą				32	0.003	0.102	28	0.002	0.052
BQM-34 FLYAWAY COST SUB TOTAL	Ą						14.604			12.680
BQM-34 Support Cost	A									
Data Tech Manuals	A						0.048			0.000
NTSSAT FAAT Testing	A									
Government Testing	Y									
Government Support	A						1.255			1.215
On Site Support Redstone Arsenal	Y						0.165			0.168
Technical Support	A						0.502			0.974
Other	A						0.247			0.269
Interim Maint. Support for VDOPS	A						0.000			0.000
BQM-34 SUPPORT COST SUBTOTAL	A						2.217			2.626
TOTAL PROGRAM							31.332			32.915
Comments										
Starting in FY00 funding for Target Drones transitioned from Missile Procurement Air Force (MPAF) to Aircraft Procurement Air Force (APAF). This document contains	sitioned from	n Missile Pr	ocurement Air	r Force (MPA	F) to Aircraf	t Procuremen	ıt Air Force (/	APAF). This	s document co	ntains
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P-1 Shopping List Item No. 22

Weapon System Cost Analysis Exhibit P-5, page 3 of 9

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FY00 (QF-4)	12		0.997 AAC/WRA		၁	FFP	BAE SYSTEMS, MOJAVE, CA		Jun-00	Yes	
FY01 (QF-4)	13		1.105 AAC/WRA		C	FFP	BAE SYSTEMS, MOJAVE, CA	Dec-00	Jun-01	Yes	
FY00 (BQM-34)	32	ļ	0.456 AAC/WRA		၁	FFP	NORTHROP GRUMMAN (BQM-34), SAN DIEGO	MAN Nov-99 GO	Apr-01	Yes	
							CA	-			
FY01 (BQM-34)	16		0.792 AAC/WRA		၁	FFP	NORTHROP GRUMMAN, SAN DIEGO CA	MAN, Oct-00	Jan-02	Yes	
Remarks						-					
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REMARKS	-					1												1 1							
Starting in FY00 funding for Target Drones transitioned from Missile Procurement Air Force (MPAF) to Aircraft Procurement Air Force (APAF). This document contains data starting in FY00 and beyond.	oned from	Missile Procu	rrement Air For	ce (MPA	o Air	craft Pr	curemen	ıt Air Fo	TCe (AP	AF). T	nis docu	ment cc	ntains	data sta	rting in	FY00	and bey	ond.							
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Exhibit P-40, Budget Item Justification	ustification								Date: February 2000	uary 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	/BA/BSA/Item	Control Numbe						P-1 Line Item	P-1 Line Item Nomenclature		
Aircraft Procurement, Air Force, Budget	Air Force	, Budget /	Activity 0	4, Other	Activity 04, Other Aircraft, Item No. 23	tem No. 2	3	E-8C (Joint Stars)	int Stars)		
Program Element for Code B Items:	ems:	N/A			Other Relate	Other Related Program Elements:	ements:		N/A		
	ID Code	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005 To Comp	To Comp	Total
Proc Oty	A	11	2	1	1						15
Cost (\$ M)		2368.200	473.278	226.255	260.610	12.183					3340.526
Interim Ctr Support (\$ M)		0.000		25.609							25.609
Advance Proc Cost (\$ M)		805.200	35.609	35.732							876.541
Weapon System Cost (\$ M)		3173.400	508.887	287.596	260.610	12.183					4242.676
Initial Spares (\$ M)		182.700	97.818	72.180	22.571	9.546	6.332	2.773	1.535		395.455
Total Proc Cost (\$ M)		3356.100	606.705	359.776	283.181	21.729	6.332	2.773	1.535		4638.131
Flyaway Unit Cost (\$ M)		288.500	213.000	237.900	259.300						
Wpn Sys Unit Cost (\$ M)		305.100	254.444	290.980	260.878						

Description

Air Force as lead service. Joint STARS provides target information for pairing direct attack aircraft and standoff weapons against selected targets. The system is capable of Defense Review recommended a revision of the Joint STARS production profile the Air Force reduced Joint STARS production from 19 to 13 E-8Cs. Funding for the 14th growth to maritime operations), slow moving rotary and fixed wing aircraft, and rotating antennas. This information enables operational and tactical commanders to make declared Joint STARS Initial Operational Capability (IOC) in Dec 97 and the system is now participating in operational and training exercises. After the 1996 Quadrennial support of Operation Joint Endeavor in Dec 95 and again from Nov to Dec 96. Joint STARS also successfully supported Operation Allied Force from Feb to June 99. In and execute battle decisions. To meet these needs, the Air Force and Army initiated the Joint Surveillance Target Attack Radar System (Joint STARS) program with the There is an Air Force and Army need to provide, from airborne platforms, near-real time surveillance and targeting information on moving and stationary ground targets Sep 96 the Defense Acquisition Board (DAB) Milestone III Review approved full rate production of a 19 E-8C program. The 93rd Air Control Wing, Robins AFB, GA, being cued by other reconnaissance, surveillance, and target acquisition systems; is able to respond rapidly to worldwide contingencies. The operational utility of the system was effectively demonstrated by the two developmental aircraft in support of combat operations during Desert Storm. Joint STARS aircraft were deployed in and 15th E-8C provided during the FY00 and FY01 budget cycles.

FY 2001 Program Justification

Funds procurement of 15th aircraft in FY01.

P-1 Shopping List Item No. 23

Budget Item Justification Exhibit P-40, page 1 of 6

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Exhibit P-5, Weapon System Cost Analysis								Date: rebruary zooo	uary 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Numbe	ol Number		•	•	:		P-1 Line Item Nomenclature	omenclature		
Aircraft Procurement, Air Force, Bu	Budget A	ctivity 04	Activity 04, Other Aircraft, Item No. 23	ircraft, Ite	m No. 2:		E-8C (Joint Stars)	nt Stars)		
Manufacturer's Name/Plant City/State Location				Subline Item						
Northrup Grumman Corporation Melbourne Systems Division Melbourne, FL	ms Division	n Melbourn	, FL							
Weapon System	Ident				Total Cost	Total Cost In Millions of Dollars	of Dollars			
Cost Elements	Code		FY 1999			FY 2000			FY 2001	
				Total			Total			Total
		Qtà	Unit Cost	Cost	Qty	Unit Cost	Cost	Qty	Unit Cost	Cost
Airframe	A	2	109.850	219.700	1	130.500	130.500	-	150.200	150.200
Avionics	A	2	60.750	121.500	1	71.500	71.500	-	73.100	73.100
GFE	A	2	2.600	5.200	1	5.200	5.200	1	5.200	5.200
Engineering Change Orders (ECO)	Ą			2.200			0.800			0.000
Nonrecurring Costs	A	2	9.550	19.100	1	006'6	6.900	1	10.100	10.100
Other Costs	A	2	29.150	58.300	1	20.000	20.000	1	20.700	20.700
FLYAWAY COST SUBTOTAL	A			426.000			237.900			259.300
Avionics PGSE	A			5.300			2.440			3.080
Peculiar Training Equipment	A			6.100			3.660			4.620
Publications/Technical Data	∢			5.900			2.400			2.700
ICS	A			23.412			0000			
Pgm Mgmt Admin (PMA)	A			16.400			11.400			15.200
Other	Ą			8.189			7.448			11.710
SUPPORT COST SUBTOTAL	A			65.301			27.348			37.310
GROSS P-1 COSTS	Ą			491.301			265.248			296.610
Less: Prior Yr Adv Procurement	V			-18.023			-38.993			-36.000
Net P-1 Total	A			473.278			226.255			260.610
Plus: Current Yr Adv Procurement	A			35.609			35.732			
Plus: INITIAL SPARES	A			98.518			73.685			28.824
Plus: MODs BP 11	Α			43.522			28.346			33.389
Plus: ICS (FY00)	A						25.609			
							10,000			200 000
TOTAL PROGRAM				650.927			389.627			522.823
Comments										
			P-1 Shopping List Item No. 23	g List Item N	lo. 23			Weapon	Weapon System Cost Analysis Exhibit P-5, page 2 of 6	st Analysis page 2 of 6
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Weapon System					Subline Item						
E-8C										[
WBS Cost Elements	ģ.	Local Unit Cost PCO	Location of PCO	RFP Issue Contract Date Method	Contract Method	Contract Type	Contractor and Location	Award n Date	Date of First Delivery	Specs Available Now?	Date Revisions Available?
Weapon System											
FY99	2		213.000 ESC/JSK		SS	FPI	Northrop Grumman Corporation, Melbourne FL 32902	e FL	Dec-01	Yes	
FY00		237.900	ESC/JSK		SS	FPI	Grumman /Melbourne	May-00	Feb-03	Yes	
FY01		259.300	ESC/JSK		SS	FPI	Grumman /Melbourne	Mar-01	Apr-03	Yes	
Support									\dashv		
FY99	N/A		ESC/JSK		SS	FP	Grumman /Melbourne	Nov-98	_	Yes	
FY00	N/A		ESC/JSK		SS	FP	Grumman /Melbourne	Nov-99	_	Yes	
FY01	N/A		ESC/JSK		SS	FP	Grumman /Melbourne	Nov-00	N/A	Yes	
Remarks											
Support costs consists of items such as PSE, CSE, Training. Date of first delivery is lead time to support A/C delivery schedule.	such a	s PSE, CSE	3, Training. D	ate of first d	elivery is lead	d time to supp	ort A/C delivery schedul	ē.			
				Ч.	1 Shopping	P-1 Shopping List Item No. 23	23	Pro	Procurement History and Planning	History and	Planning
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Exhibit P-21, Production Schedule	Schedi	əlr																		בׁ	ate:	rep	uar)	Date: February 2000	۶			٦
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E-8C FY94					1			I		\dagger	+	+	\downarrow	\downarrow	$oldsymbol{\perp}$		T	T	T	†	t	╁	╁	+	╀	╀	L	Τ
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TOTAL		15	13	2	001	z 0 >		¬ < 2		∑ < ¤	- < a. a	Z < >	- D -	4 D C	NШσ	0 U F	z o >	ДШО	- 4 Z	T 3 8	M A M	A 9 %	A A Y	201	4 D 0	N ED ST	
				PRODUCTIC MIN SUST	CTION RATES SHIFT HOURS	T T SS	≱ ∢	2	REACHED						PRO	PROCUREMENT LEAD ADMIN LEAD TIME	TIME TIME	EAD 1	TIME	FG FG	<u> </u>	[2]	TOTAL	-			
MANUFACTURER'S NAME Northrop Grumman Corporation		LOCATIC	LOCATION Melbourne FL 32902		DAYS 1-8-5	S	× ^	45	ᅕ						뚪 =	PRIOR 1 OCT	AFTER 1 OCT	照片	F	TIME		₹ <u> </u>	AFIEK 1 OCT				
					Ш						REORDER	E			Щ	7		<u>~</u>			F 33			e			
REMARKS - Aircraft P6&8 deliveries (Jan&May 01) reflect rebaselinings on contract - Aircraft P12&13 delivery dates Dec01 & May02 are definitized - Aircraft P12&13 delivery dates of Feb03 and Apr 03 respectivly reflect PM Assessment - No Long Lead time included	reflect reba: b May02 are 03 and Apr	selinings or definitized 03 respectiv	n contract 1 vly reflect PN	A Assessment																							
																Ì	l										
						_	2-1	oho	ping	List	P-1 Shopping List Item No. 23	Š.	23								Ш	Xhii	무	Production Schedule Exhibit P-21 (3), page 6 of 6	G), 1	n Sci page	hedu 6 of
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Exhibit P-40, Budget Item Justification	ustification								Date: February 2000	uary 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	/BA/BSA/Item (Control Numbe	1.					P-1 Line Item	P-1 Line Item Nomenclature		
Aircraft Procurement, Air Force, Budget A	Air Force	, Budget /	Activity 0	4, Other /	Activity 04, Other Aircraft, Item No. 24	tem No. 2	4	E-8C (Jo	E-8C (Joint Stars) Advance	Advance	
•)	ì					Procurement	nent		
Program Element for Code B Items:		N/A			Other Related Program Elements:	d Program E	ements:				
	ID Code	Prior Years	FY 1999	FY 2000	FY 2001 FY 2002	1 1	FY 2003	FY 2004	FY 2005	To Comp	Total
Proc Qty	A										
Cost (\$ M)											
Interim Ctr Support (\$ M)											
Advance Proc Cost (\$ M)			35.609	35.732							71.341
Weapon System Cost (\$ M)			35.609	35.732							71.341
Initial Spares (\$ M)											
Total Proc Cost (\$ M)			35.609	35.732							71.341
Flyaway Unit Cost (\$ M)											
Wpn Sys Unit Cost (\$ M)											

escription

Air Force as lead service. Joint STARS provides target information for pairing direct attack aircraft and standoff weapons against selected targets. The system is capable of Defense Review recommended a revision of the Joint STARS production profile the Air Force reduced Joint STARS production from 19 to 13 E-8Cs. Funding for the 14th (growth to maritime operations), slow moving rotary and fixed wing aircraft, and rotating antennas. This information enables operational and tactical commanders to make declared Joint STARS Initial Operational Capability (IOC) in Dec 97 and the system is now participating in operational and training exercises. After the 1996 Quadrennial support of Operation Joint Endeavor in Dec 95 and again from Nov to Dec 96. Joint STARS also successfully supported Operation Allied Force from Feb to June 99. In and execute battle decisions. To meet these needs, the Air Force and Army initiated the Joint Surveillance Target Attack Radar System (Joint STARS) program with the There is an Air Force and Army need to provide, from airborne platforms, near-real time surveillance and targeting information on moving and stationary ground targets Sep 96 the Defense Acquisition Board (DAB) Milestone III Review approved full rate production of a 19 E-8C program. The 93rd Air Control Wing, Robins AFB, GA, being cued by other reconnaissance, surveillance, and target acquisition systems; is able to respond rapidly to worldwide contingencies. The operational utility of the system was effectively demonstrated by the two developmental aircraft in support of combat operations during Desert Storm. Joint STARS aircraft were deployed in and 15th E-8C provided during the FY00 and FY01 budget cycles.

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P-1 Shopping List Item No. 24	Budget Item Justification
	Exhibit D.An made 4 of 2

Exhibit P-10 p.1, Advance Procurement Requirements Analysis (Page 1 - Funding)	ance Pro	curement K	equirements	s Analysis						Date: February 2000	uary 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	Code/CC/BA	VBSA/Item Con	itrol Number						P-1 Line Item Nomenclature	Nomenclature		
Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 24	nent, Ai	ir Force, B	udget Ac	tivity 04,	Other Ail	rcraft, Ite	m No. 24		:-8C (Join	nt Stars)	E-8C (Joint Stars) Advance	
									Procurement	ent		
Weapon System						First System	First System Award Date			First System	First System Completion Date	Date
E-8CAP							Apr-92	-92			Mar-96	
					(\$ in N	(\$ in Millions)						
Description	PLT	When Rqd	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Comp	Total
End Item Qty			11	2	1							15
CEE			805.200	35.609	35.732							876.541
OFE												
		We grow the growth of the control of										
ЕОО												
Design												
Term Liability												
TOTAL AP			805.200	35.609	35.732							876.541
Description:												
The Joint STARS Production Process has required approximately a 45 month cycle (for single aircraft buy) and a 52 month cycle (two aircraft buy). The funding associated	ection Proce	ess has require	d approximat	ely a 45 mon	th cycle (for	single aircra	ft buy) and a	52 month cy	cle (two airci	raft buy). Th	e funding ass	ociated
with each Lot is active for 3 years thus Advance Buy Funding is required to execute the production cycle. The two major long lead items for the Joint STARS program are	or 3 years	thus Advance	Buy Funding	is required to	execute the	production c	ycle. The tw	o major long	lead items fo	or the Joint S	TARS progra	m are
aircraft refurbishment/modification and electronics. The	nodification	and electroni	cs. The other	item include	other item included in the Advance Buy funding is for configuration update activities.	ance Buy fur	nding is for ca	onfiguration	update activi	ties.		
				4	P-1 Shopping List Item No. 24	List Item No	5. 24	Ac	Vance Pro	curement R	Advance Procurement Requirements Analysis	s Analysis
										T Hih	(Page 1 - Funding)	(Page 1 - Funding)
										LAIIB	11.0 01.1	Jaye & OI &

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Exhibit P-40, Budget Item Justification	Justification								Date: Febi	Date: February 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	C/BA/BSA/Item	Control Numbe	_					P-1 Line Item	P-1 Line Item Nomenclature		
Aircraft Procurement, Air Force, Budget	, Air Force	, Budget	Activity (Activity 04, Other Aircraft, Item No. 25	Aircraft, I	tem No. 2	5	E-8C (Jo	E-8C (Joint Stars) ICS	SOI	
Program Element for Code B Items:	tems:	N/A			Other Relate	Other Related Program Elements:	ements:				
	ID Code	Prior Years	FY 1999	FY 1999 FY 2000	FY 2001 FY 2002 FY 2003	FY 2002	FY 2003	FY 2004	FY 2005	To Comp	Total
Proc Qty	А										
Cost (\$ M)					·						
Interim Ctr Support (\$ M)				25.609							25.609
Advance Proc Cost (\$ M)											
Weapon System Cost (\$ M)				25.609							25.609
Initial Spares (\$ M)											
Total Proc Cost (\$ M)				25.609							25.609
Flyaway Unit Cost (\$ M)											
Wpn Sys Unit Cost (\$ M)											

Description

Air Force as lead service. Joint STARS provides target information for pairing direct attack aircraft and standoff weapons against selected targets. The system is capable of Defense Review recommended a revision of the Joint STARS production profile the Air Force reduced Joint STARS production from 19 to 13 E-8Cs. Funding for the 14th (growth to maritime operations), slow moving rotary and fixed wing aircraft, and rotating antennas. This information enables operational and tactical commanders to make declared Joint STARS Initial Operational Capability (IOC) in Dec 97 and the system is now participating in operational and training exercises. After the 1996 Quadrennial support of Operation Joint Endeavor in Dec 95 and again from Nov to Dec 96. Joint STARS also successfully supported Operation Allied Force from Feb to June 99. In and execute battle decisions. To meet these needs, the Air Force and Army initiated the Joint Surveillance Target Attack Radar System (Joint STARS) program with the There is an Air Force and Army need to provide, from airborne platforms, near-real time surveillance and targeting information on moving and stationary ground targets Sep 96 the Defense Acquisition Board (DAB) Milestone III Review approved full rate production of a 19 E-8C program. The 93rd Air Control Wing, Robins AFB, GA, being cued by other reconnaissance, surveillance, and target acquisition systems; is able to respond rapidly to worldwide contingencies. The operational utility of the system was effectively demonstrated by the two developmental aircraft in support of combat operations during Desert Storm. Joint STARS aircraft were deployed in and 15th E-8C provided during the FY00 and FY01 budget cycles.

FY 2001 Program Justification

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Budget Item Justification Exhibit P-40, page 1 of 1

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Exhibit P-40, Budget Item Justification	ustification	۰							Date: February 2000	ary 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	/BA/BSA/Iten	Control Number	ər					P-1 Line Item	P-1 Line Item Nomendature		
Aircraft Procurement, Air Force, Budget	Air Forc	e, Budget	Activity 0	4, Other	Activity 04, Other Aircraft, Item No. 26	em No. 2	9	High Altif	High Altitude Endurance - UAV	rance - L	- NA
								Advance	Advance Procurement	ent	
Program Element for Code B Items:	ems:	N/A			Other Relate	Other Related Program Elements:	ments:				
	ID Code	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Comp	Total
Proc Qty	A					2	2	2	2		8
Cost (\$ M)						79.157	75.315	75.174	63.680		293.326
Advance Proc Cost (\$ M)					22.388	12.300	20.000	8.800	8.700		72.188
Weapon System Cost (\$ M)					22.388	91.457	95.315	83.974	72.380		365.514
Initial Spares (\$ M)						11.700	12.800	12.200	11.100		47.800
Total Proc Cost (\$ M)					22.388	103.157	108.115	96.174	83.480		413.314
Flyaway Unit Cost (\$ M)						32.400	31.600	30.500	29.000		
Wpn Sys Unit Cost (\$ M)						41.600	36.800	41.500	30.500		

Description

search radar imagery and either Electro-Optical (EO) or Infrared (IR) imagery with 1m resolution per mission, or up to 1900 EO, IR, or radar spot images per mission with a 0.3m resolution. The design targeting accuracy is less than 20m CEP. The Global Hawk UAV is designed to standoff, operate in low-to-moderate air defense environment will be a fully autonomous, high altitude, long endurance unmanned aircraft directly responsive to theater force tasking. The aircraft will integrate with the existing tactical communication and interfaces to theater systems which will support the Joint Forces Commander and the tactical warfighters at various levels of command. This aircraft airborne reconnaissance architectures for mission planning, data processing, exploitation, and dissemination. It is designed to provide up to 40,000 sq. nmi. of wide area The High Altitude Endurance (HAE) Unmanned Aerial Vehicle (UAV) system consists of the all-weather Global Hawk air vehicle (A/V) and the Common Ground Segment (CGS). The CGS consists of the Mission Control Element (MCE) and the Launch and Recovery Element (LRE). Global Hawk will provide continuous, all-weather, day/night, wide-area reconnaissance and surveillance in direct support of the Joint Forces Commander. The system consists of aircraft, sensors, and collect imagery while looking deep into high threat areas.

FY 2001 Program Justification

DAE directed that the first Global Hawks include those items necessary to make the system operational for deployment, while making the systems as flexible as possible to allow for spiral development of sensors and other capabilities. The Global Hawk production program will consist of 2 A/Vs per year from FY02 - FY05 (total of 8 A/Vs) of 2 air vehicles per year in FY02. The Global Hawk EMD program will consist of a one-year effort to evolve the Global Hawk system into a Block 5 configuration. The directive issued on 20 Aug 99, directed the Air Force to initiate a Milestone II Acquisition Decision in late FY00, buy 2 EMD air vehicles in FY01, and begin production and a total of 2 CGS over the same time period. Procurement of long lead items for the first 2 A/Vs and one MCE will start in FY01, with delivery in FY03. Production The Global Hawk and CGS programs are currently an Advanced Concept Technology Demonstration (ACTD), which is scheduled for completion in June 00. A DAE air vehicles procured from FY02 - FY05 will be Block 5 configuration.

P-1 Shopping List Item No. 26

Budget Item Justification Exhibit P-40, page 1 of 5

								Defet Eshansay 2000	0006,000	
Exhibit P-5, Weapon System Cost Analysis								Date. repli	uary 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 26	rol Number Idget A	ctivity 0	4, Other A	ircraft, Ite	em No. 2		P-1 Line Item Nomenclature High Altitude Endurance - UAV	Jomendature u de Endt	ırance - U	AV
)	,					Advance Procurement	Procuren	nent	
Manufacturer's Name/Plant City/State Location				Subline Item						
Weanon System	Ident				Total Cos	Total Cost In Millions of Dollars	of Dollars			
Cost Elements	Code		FY 1999			FY 2000			FY 2001	
		Oty	Unit Cost	Total Cost	Qty	Unit Cost	Total	Óţ	Unit Cost	Total Cost
Long-lead for 2 air vehicles and 1 MCE	A							2		22.388
TOTAL PROGRAM										22.388
Comments										
			P-1 Shopping List Item No. 26	ng List Item I	Vo. 26			Weapon	Weapon System Cost Analysis Exhibit P-5, page 2 of 5	System Cost Analysis Exhibit P-5, page 2 of 5
					27					

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xhibit P-5A, Procurement History and Planning	t Hista	ory and Pla	nning					Da	Date: February 2000	رم 2000	
ppropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget A	C/BA/E	SSAltem Cont Force, B	trol Number udget Act	ivity 04,	Other Air	Activity 04, Other Aircraft, Item No. 26		P-1 Line Item Nomenclature High Altitude Endurance - UAV	enclature e Endura	ance - U/	}
)					Advance Procurement	cureme	nt	
Weapon System					Subline Item						
HAE_AP											
WBS Cost Elements	Qty	Unit Cost	Location of PCO	RFP Issue Contract Date Method	Contract Method	Contract Type	Contractor and Location	Award n Date	Date of First Delivery	Specs Available Now?	Date Revisions Available?
FY 2001	_										
Long lead for 2 Global Hawks and 1 MCE (FY02)			ASC/RAK		SS	TBD	Ryan Aeronautical Center, San Diego, CA	ter, Mar-01		No	
Remarks											
Remarks											
No RFP has been issued, nor contract awarded, for procurement of HAE UAV systems. Long lead for production not scheduled to begin until FY01, for delivery ion FY03. Total lead time for air vehicles and ground stations is 24 months from receipt of order; is to eight months for long lead of air vehicles or ground station components and 16-18 months for fabrication and assembly (estimate).	contrac schedu	et awarded, fe lled to begin urir vehicles on	or procurement until FY01, for r eround statio	t of HAE U ₁ r delivery io	AV systems. In FY03. Tota	al lead time for months for fal	r air vehicles and ground orication and assembly (l stations is 24 n estimate).	nonths from	receipt of o	ırder;
				q.	1 Shopping	P-1 Shopping List Item No. 26	26	Proc	urement H Exhil	listory and bit P-5A, p	Procurement History and Planning Exhibit P-5A, page 3 of 5
						70.40	71				

Exhibit P-10 p.1, Advance Procurement Requirements Analysis (Page 1 - Funding)	rance Proc	urement R	equireme	nts Analysis	40					Date: February 2000	ary 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	Sode/CC/BA/	BSA/Item Cor	ntrol Number					ď	P-1 Line Item Nomenclature	omenclature		
Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 26	nent, Aiı	r Force, E	3udget ∤	ctivity 04	, Other A	ircraft, Iten	n No. 26	<u> </u>	igh Altitu	High Altitude Endurance - UAV	rance - U	- -
								<u></u>	dvance	Advance Procurement	ent	
Weapon System						First System Award Date	Award Date			First System Completion Date	Completion]	Date
HAE_AP							Mar-01	01			Mar-00	
						(\$ in Millions)						
Description	PLT	When Rad	Prior Yea	rs FY 1999	<u>FY 2000</u>	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Comp	Total
End Item Qty						0	2	2	2	2	TBD	∞
CFE					_	22.388	12.300	20.000	8.800	8.700	TBD	72.188
GFE						0.000	0.000	0.000	0.000	0.000	TBD	0.000
						1	1,111	****	* / 1.	1111	17/14	0000
ЕОО						A/N	N/A	N/A	N/A	N/A	N/A	0.000
Design						N/A	N/A	N/A	N/A	N/A	N/A	0.000
Term Liability						N/A	N/A	N/A	N/A	N/A	N/A	0.000
TOTAL AP						22.388	12.300	20.000	8.800	8.700	0.000	72.188
CFE figures include long lead funding costs for Global Hawk and CGS.	ig lead fundi	ing costs for	Global Hav	ok and CGS.								
					P-1 Shopping	P-1 Shooping List Item No. 26	. 26	PA	Vance Pro	Advance Procurement Requirements Analysis	eauirement	ts Analysis
				:						Exhibit	(Page 1 - Funding) Exhibit P-10 p.1, page 4 of 5	(Page 1 - Funding) ·10 p.1, page 4 of 5
				2	I ASSIFI	IINCI ASSIFIED PAGE 4 - 52	4 - 52					

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Exhibit P-10 p.2, Advance Procurement Requirements Analysis Page 2 - Budget Justification)	ent Requirements	Analysis			Date: February 2000	ary 2000
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 26	em Control Number ce, Budget Aci	tivity 04, Other Ai	rcraft, Item No		P-1 Line Item Nomenclature High Altitude Endurance - UAV Advance Procurement	ance - UAV
Weapon System						
		(TOA, \$ i	(TOA, \$ in Millions)			
Description	PLT	OPA	Unit Cost	FY 2001 OTY	FY 2001 Contract Forecast Date	FY 2001 Total Cost Request
End Item						
CFE					Mar-01	22.388
GFE						
OG						
200						
Design						
Ferm Liability						
TOTAL AP						22.388
Description: Long lead for two air vehicles and one MCE.	ij					
		P-1 Shopping	P-1 Shopping List Item No. 26	Adı	Advance Procurement Requirements Analysis (Page 2 - Budget Justification) Exhibit P-10 p.2, page 5 of 5	rement Requirements Analysis (Page 2 - Budget Justification) Exhibit P-10 p.2, page 5 of 5

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Exhibit P-40, Budget Item Justification	ustification								Date: February 2000	uary 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	/BA/BSA/Item	Control Numbe	er					P-1 Line Item	P-1 Line Item Nomenclature		
Aircraft Procurement, Air Force, Budget	Air Force	, Budget	Activity 0	4, Other /	Activity 04, Other Aircraft, Item No. 27	em No. 2		PREDATOR UAV	OR UAV		
Program Element for Code B Items:	ems:	35205F			Other Related Program Elements:	d Program Elv	ements:		27245F		
	ID Code	ID Code Prior Years	FY 1999 FY 2000	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2001 FY 2002 FY 2003 FY 2004 FY 2005 To Comp Total	Total
Proc Qty	A	49	7	8	7	9	8	8	8	TBD	TBD
Total Proc Cost (\$ M)			129.750	57.142		22.078 19.473	26.433	27.225	27.828		309.929

Jescription

commander throughout the operational theater. The system is compatible with the current C4I architecture. A total of 12 systems are being procured. Each system consists vehicle (A/V) carries electro-optical (EO), Infra-Red (IR), and synthetic aperture radar (SAR) sensors, and is capable of transmitting near real time imagery to the task force identifies requirements for system growth. The Predator Program was restructured when it transitioned from an Advanced Concept Technology Demonstration (ACTD) to vehicles to cover operational losses and reimbursement for four laser targeting designators (LTD), fielded in response to a Combat Mission Need Statement during Kosovo The Predator Medium Altitude Endurance (MAE) Unmanned Aerial Vehicle provides a long dwell (24 hour plus coverage of a target beyond line-of-sight), autonomous, unmanned, reconnaissance system capable of operating over the horizon while providing real-time intelligence information to the Joint Task Force Commander. The air Predator systems are operational and have deployed in support of operations in Bosnia, Southwest Asia, and Kosovo. The Operational Requirements Document (ORD) Atomics ASI as the depot (sole-source supplier). The contracting strategy is to integrate Total System Performance Responsibility (TSPR) using General Atomics -ASI operations. Congress added production funds in FY00 for additional air vehicles and to start procurement of a permanent laser designator for use with precision guided an acquisition program to focus funding to address reliability and maintainability issues. Predator is procured through the BIG SAFARI Program Office with General of four air vehicles, one Ground Control Station (GCS), one Predator Primary Satellite Link (PPSL) communications suite and associated ground support equipment. (GA) as the prime contractor to coordinate and implement hardware and engineering requirements. FY99 Kosovo Supplemental provided \$17M for replacement air munitions, tactical common data link (TCDL) and dual channel communications to improve relief-on-station.

Note: FY99 procurement quantity should be 11 vehicles due to addition of four replacement units, funded by the Kosovo Supplemental. Procurement schedule will be properly reflected in the next budget cycle. Exhibit P-5A and P-21 reflect actual procurement, including additional FY99 quantity.

FY 2001 Program Justification

Procurement funding includes system production, production support, engineering services, and acceptance testing and evaluation. FY99 supported one system, attrition air vehicles, ice protection kits, and retrofit of fielded systems. FY00 procures one system, attrition air vehicles, and ice protection kits. FY01 funding supports the procurement of attrition air vehicles and ice protection kits. FY01-05 funds procure attrition air vehicles.

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Budget Item Justification Exhibit P-40, page 1 of 8

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Exhibit P-5, Weapon System Cost Analysis								Date: February 2000	uary 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	ol Number	:		,			P-1 Line Item Nomenclature	omenclature		:
Aircraft Procurement, Air Force, Budget Activity 04, Other Aircraft, Item No. 27	udget A	ctivity 0	4, Other A	ircraft, ite	M No. 2		PREDAIOR DAV	K UAV		
Manufacturer's Name/Plant City/State Location				Subline Item						
General Atomics ASI/Rancho Bernardo/CA										
Weapon System	Ident				Total Cos	Total Cost In Millions of Dollars	of Dollars			
Cost Elements	Code		FY 1999			FY 2000			FY 2001	
				Total	į		Totai	·		Total
000 410		ξį.	Unit Cost	Cost	Agy Cgy	Unit Cost	Cost	£)	Unit Cost	Cost
System: Air Vehicles, Data Links, SARs, GCS, PPSL	∢		13.068	91.4/4	×	5.811	40.492	7	2.414	71./20
P3I	A			12.474			2.500			
Production Support	¥			3.970			3.350			0.350
Interim Contractor Logistic Supprt	A			0.000						
Integrated Logistics Support*	A			15.232			2.300			
Laser Targeting Designator**	Α			009'9			2.500			
TOTAL PROGRAM				129.750			57.142			22.078
Comments										
*Integrated Logistics Support includes Spares. ** FY99 Kosovo Supplemental funded four laser targeting d	targeting	designators.								
			P-1 Shonnin	P-1 Shonning List Item No. 27	lo. 27			Weapon	Weapon System Cost Analysis	st Analysis
					<u> </u>				Exhibit P-5, page 2 of 8	page 2 of 8

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Exhibit P-5A, Procurement History and Planning	Histo	ry and Pla	nning					Da	Date: February 2000	y 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	:/BA/B{	SA/Item Conti	rol Number	, 10, 4	Othor Air	Other Aircraft Item No. 27		P-1 Line Item Nomenclature	enclature		
Airciait Froculeilleilt, All Force, Buuget		0 (20)	٦I	ACLIVILY 04,		Ciait, Itell		NEDALON			
Weapon System					Subline Item						
PRED											
WBS Cost Flements	Č	Local	Location of PCO	RFP Issue Contract	Contract	Contract	Contractor and Location	Award	Date of First Delivery	Specs Available Now?	Date Revisions Available?
	<u>}</u>	1000	3			2461					
GCS/General Atomics ASI	2		ASC/RAKB		SS	FPI	General Atomics	Mar-98	Mar-00	Yes	
A/V/General Atomics ASI	16		ASC/RAKB		SS	FPI	General Atomics	Mar-98	Sep-99	Yes	
SAR/Northrup Grumman	27		CECOM		SS	FFP	Northrop Grumman	Jan-98	Sep-99	Yes	
PPSL/L-3 Comm	4		WR-LRC		SS	FFP	L-3 Comm	Feb-99	Oct-99	Yes	
FY 1999											
GCS/General Atomics ASI			ASC/RAKB		SS	FPI	General Atomics	Aug-99	Jan-01	Yes	
A/V/General Atomics ASI	11		ASC/RAKB		SS	FPI	General Atomics	Aug-99	Nov-00	Yes	
SAR/Northrup Grumman	24		CECOM		SS	FFP	Northrop Grumman	May-99	Feb-01	Yes	
PPSL/L-3 Comm	2		WR-LRC		SS	FFP	L-3 Comm	Feb-99	Dec-99	Yes	
LTD/Raytheon	4		NAVY		MIPR	Navy	Raytheon	Apr-99	Apr-99	Yes	
FY 2000											
GCS/General Atomics ASI	1		ASC/RAKB		SS	FPI	General Atomics	Dec-99	Nov-01	Yes	
A/V/General Atomics ASI	∞		ASC/RAKB		SS	FPI	General Atomics	Dec-99	Oct-01	Yes	
FY 2001											
A/V/General Atomics ASI	7		ASC/RAKB		SS	FFP	General Atomics	Dec-00	Jun-02	Yes	
FY 2002											
A/V/General Atomics ASI	9		ASC/RAKB		SS	FFP	General Atomics	Dec-01	Jan-03	Yes	
FY 2003	Ц									-	
				P.	1 Shopping	P-1 Shopping List Item No. 27	27	Proc	urement H	istory and	Procurement History and Planning
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A/V/General Atomics ASI	∞		ASC/RAKB		SS	FFP	General Atomics	Dec-03	Nov-04	Yes	
FY 2005											
A/V/General Atomics ASI	∞		ASC/RAKB		SS	FFP	General Atomics	Dec-04	Nov-05	Yes	
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1. A system is comprised of four air vehicles, one Ground (PPSI will be procured senerately under a contract with 1	ur air v	ehicles, one		Control Station (Control Station (GCS), and one PPSL (-3 Comm.	ne PPSL.					
The SAR will be procured seperately under a contract with Northrup Grumman (3 SARs per system). 2. The FY98, FY99 and FY00 procurements include attrition air vehicles as well as system air vehicles.	sperate procur	ly under a c	contract with Nude attrition ai	Vorthrup Gn r vehicles a	umman (3 SA s well as syste	Rs per system em air vehicles	.). s.				
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 SAR—Three SAR per four air vehicles. Life-time buy of SAR due to DMS issue. (Level A/C buys). Air Vehicle represented include system and/or attrition air vehicles. 	Life-time b	nuy of SAR (ition air veh	due to DMS it nicles.	ssue. (Level A	/C buy	÷																					
4. Minimum air vehicle sustaining production rate is seven air vehicles per 12 month	tion rate is	seven air ve	chicles per 12	month period.																							
5 Maximum production rate is 1.5 air vehicles per month; 18 per year	icles per m	onth; 18 per	year.																								Т

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P-1 Shopping List Item No. 27

Production Schedule Exhibit P-21, page 5 of 8

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1. Systems.-A system is comprised of four air vehicles, one Ground Control Station (GCS), one PPSL and three SARs. SARs will be procured seperately under a contract with Northrup Grumman. PPSL will be procured seperately under a contract

with L.3 Comm.

2. SAR-Three SAR per four air vehicles. Life-time buy of SAR due to DMS issue. (Level A/C buys).

3. Air Vehicle represented include system and/or attrition air vehicles.

4. Minimum air vehicle sustaining production rate is seven air vehicles per 12 month period.

5. Maximum production rate is 1.5 air vehicles per month; 18 per year.

P-1 Shopping List Item No. 27

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LTD/Raytheon		Fort Worth, I.X.	1 IX		4	₹ Z				\dashv											l		1				
KEMAKKS 1 SystemsA system is comprised of four air vehicles, one Ground Control Station (G	air vehicles	one Grou	nd Control S	tation (GCS	one P	SL and	CS), one PPSL and three SARs, SARs will be procured seperately under a contract with Northrup Grumman. PPSL will be procured seperately under a contract	ARs. S.	ARs wil	l be pro	cured se	perately	v under	a contr	tct with	North	ab Gr	mman.	PPSL	will be	brocu 2	red sep	erately	under	a contra	<u>z</u>	
with L-3 Comm.										•												1					
2. SARThree SAR per four air vehicles. Life-time buy of SAR due to DMS issue. (Level A/C buys).	ife-time bu	y of SAR	due to DMS	issue. (Leve	A/Cb	ys).																					
 Aur Vehicle represented include system and/or autition air vehicles. Minimum air vehicle sustaining production rate is seven air vehicles per 12 month period. 	and/or attrib	tion air vei even air ve	ncies. shicles per 1.	2 month perio	'n																						
5 Maximum production rate is 1.5 air vehic	les per mor	nth; 18 per	year.																								
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						_	P-1 Shopping List Item No. 27	hopp	ing L	ist It	Z Ea	lo. 27									Ĭ	קילוני	Prod 	Production Schedule Evhihit P-24 (3) nage 7 of 8	Suo	chec	ᅗᅗ
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Exhibit P-21 (4), Production Schedule	on Sch	edule																	-	Jale:	5 L	ıruar	y 20	3	١		
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	:C/BA/B	SAltem	Control No	umber												Ė	P-1 Line Item Nomenclature	e Iter	۳ No	menc	atur	ø					
Aircraft Procurement, Air Force, Budget A	t, Air	Force	, Budg		<u>Xit</u>	ctivity 04, Other Aircraft, Item No. 27	Ş	er /	\ir	raft,	Ite	Ž	0.2	_		<u>n</u>	PREDATOR UAV	DA:	Ď	2	8						
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umman	USAF	27	27	0	7	+	+	+	+	4	1	\dagger	+	+	\downarrow	1	Ţ			1	†	†	†	\dagger	+	+	
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umman	USAF	24	24	0		+	\dashv	\dashv	\dashv	4		1	+	+	\downarrow	\downarrow		\int		1	7	†	†	†	+	+	٥
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	USAF	4	4	0	1	\dashv	\dashv	+	\dashv	4		7	+	+	+	1	\downarrow	Ţ		1	7	†	†	+	\dagger	+	٥
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	USAF	8	8	0					\dashv	4		1	\dashv	4	4	4	\downarrow				1	1	1	\dagger	+	+	٥
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PPSL/L-3 Comm		Salt Lake City, UI	City, UI			-	₹								Z .	_	AC I CK				_	3					
SAR/Northrup Grumman		Baltimore	Baltimore, MD	_[2-8-7		7			-	141			L	3	+	3	1		-			۶				
A/V/General Atomics ASI		Kancho B	emardo, CA	`[<u> </u>	-	e l				NITHE			+			<u>ا</u>	\downarrow		1			3				
GCS/General Atomics ASI		Rancho Be	Rancho Bernardo, CA		-8- -8-	+	17				KEOKDEK			\dashv		-	7			=			2				
LTD/Raytheon		Fort Worth, TX	h, TX			V/V	\dashv			_												١	1		١	l	
REMARKS																	(ľ					ŀ	-			
1. Systems—A system is comprised of four air vehicles, one Ground Control Station (GCS), one PPSL and three SARs. SARs will be procured seperately under a contract with Northrup Grumman. PPSL will be procured seperately under a contract	r air vehicle	3, one Grou	and Control S	tation (GCS), c	one PPS	L and th	ree SAI	S. SA	Rs will	pe proc	ured seg	crately	under a	contra	ct with	North	an Sur	mman.	PPSL	Will be	procur	Sep Sep	crately	under a	Contra	ដ	
with L-3 Comm.	,	4 6 5		* 1 mm	,	,																					
2. SAR—Three SAR per four air vehicles. Lite-time buy of SAR due to DMS issue. (Ld.	Lite-time b	ition oir wel	due to DMS i	issue. (Level A	evel A/C ouys).	÷																					
 An Venicle represented include system and the second are vehicles per 12 month period. Minimum air vehicle sustaining production rate is seven air vehicles per 12 month period. 	tion rate is	seven air v	chicles per 12	? month period.																							
5 Maximum production rate is 1.5 air vehicles per month; 18 per year	icles per mo	onth; 18 per	year.																						İ		

P-1 Shopping List Item No. 27

Production Schedule Exhibit P-21 (4), page 8 of 8

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FY 01 AMENDED BUDGET REQUEST

BUDGET ACTIVITY 06 – AIRCRAFT SPARES AND REPAIR PARTS

FEBRUARY 2000

UNCLASSIFIED

PAGE 6-0

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Exhibit P-40, Budget Item Justification	stification								Date: February 2000	uary 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	BA/BSA/Item (Control Number									
Aircraft Procurement, Air Force, Budget Acti	Air Force,	Budget A	ರ	Aircraft §	ivity 06, Aircraft Spares and Repair Parts	d Repair F	arts				
Program Element for Code B Items:	ms:	N/A			Other Related	Other Related Program Elements:	nents:		N/A		
	ID Code	ID Code Prior Years FY		1999 FY 2000	FY 2001 FY 2002 FY 2003 FY 2004	FY 2002	FY 2003	FY 2004	FY 2005 To Comp Total	To Comp	Total
Proc Qty	A										
Total Proc Cost (\$ M)			512.938	441.221		356.856 350.295 349.336	349.336	316.895	293.279		2620.820

Description

Aircraft Initial Spares (Budget Program 160000):

FY 2001 Program Justification

MISSION AND DESCRIPTION

Program Definition: Aircraft Initial Spares (Budget Program 160000):

budgeted in FY00 and FY01, for example, largely represent the payments for obligations already incurred by the WCF, and is really a shift in financing strategy. Initial spares are FY94, most initial spares were procured through the Working Capital Funds (WCF). When the spares are delivered, this central procurement account will reimburse WCF. The This program finances whole spare engines and modules and reparable investment items including some items being newly introduced to the Air Force Inventory. Beginning in effect of this change was a shift of funds to the right, which may give the appearance of ramping requirements. However, it is important to note that this means that the funds funded in the two program segments described below.

Working Capital Funds (WCF) Spares.

This program finances the initial pipeline or inventory for all new weapon system spares, which includes modifications, support equipment, consumables, Readiness Spares Package (RSP), New Acquisition Spares (NAS), and other production spares.

Exempt Spares.

This program finances spares that are not purchased through the WCF. The budget authority is a direct cite on the contract. Examples include whole spare engines, quick engine change (QEC) kits, Contractor Logistic Support (CLS), simulators/trainers, munitions, and classified spares.

FY 01 Program Justification:

aircraft spares decreased. The E-8, E-3, B-2, F-16, B-1, Manned Reconnaissance System and initial spares for aircraft modification programs continue to make up the bulk of the In FY00 thru FY05, initial spares for the Reengineered Supply Support Process (RSSP) three aircraft pilot programs (C-130J, C-17, & F-22) are funded under BP-10; therefore, budget request. Budget Item Justification Exhibit P-40, page 1 of 5

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Exhibit P-5, Weapon System Cost Analysis								Date: Febr	Date: February 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget A	ontrol Number Budget Activ	tivity 06,	Aircraft S	ity 06, Aircraft Spares and Repair Parts	Repair P	arts	į			
Manufacturer's Name/Plant City/State Location				Subline Item						
Weapon System	Ident				Total Cos	Total Cost In Millions of Dollars	of Dollars			
Cost Elements	Code		FY 1999			FY 2000			FY 2001	
		Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Avionics	A	,								
Armament	A									
Software	Α									
Other Government Furnished Equipment (GFE)	Α									
Engineering Change Orders (ECO)	A									
Nonrecurring Costs	Α									
Other Costs	A									
FLYAWAY COST SUBTOTAL	A									
Airframe Peculiar Ground Support Equipment	A									
(PGSE)										
Engine PGSE	A									
Peculiar Training Equipment	Α									
Publications/Technical Data	Α									
ECOs	A									
Other	Α									
SUPPORT COST SUBTOTAL	Y									
										720720
INITIAL SPARES (Budget Program 16)	4			512.938			441.221			928.958
TOTAL PROGRAM										
Comments										
								Weapo	Weapon System Cost Analysis	st Analysis
									Exhibit P-5,	Exhibit P-5, page 2 of 5
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Exhibit P-18A, II	Exhibit P-18A, Initial Spare Funding Summary				Date, rebidaly 20	8
Appropriation (Treat	Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 06, A	ty 06, Aircraft Spares and Repair Parts	Repair Parts	,		
Initial Spare Funding Summary						
P-1 LINE	END ITEM NOMENCLATURE	FY 1998		FY 2000	FY 2001	FY 2002
1	B-52 Squadron	0.152	1.122	1.111	5.328	1.944
2	B-1 Squadrons	16.344	24.345	32.187	14.628	4.571
3	B-2 Squadrons	12.912	54.312	60.841	37.298	34.188
4	ICBM Helicopter Support	0.094	0.000	0.000	0000	0.000
5	F-15A/B/C/D Squadrons	7.398	57.940	26.017	21.479	6.784
9	A-10 Squadrons	0.366	1.925	3.754	0.555	0.893
7	F-16 Squadrons	12.413	17.519	69.863	89.405	69.324
8	F-15 E Squadrons	1.702	4.191	28.353	22.215	14.674
6	F-117A Squadrons	0.176	0.476	0.000	0.000	0.000
10	Low Observables Test Equipment	0.000	0.000	0.000	0000	0.011
11	Podded Reconnaissance System	0.000	0000	0.000	0.000	0.000
12	F-22	0000	24.937	0.000	0.000	0000
13	Combat Rescue and Recovery	0000	4.756	3.072	1.190	1.334
14	Precision Attack Systems (LANTIRN)	0.015	0.050	1.513	2.191	1.182
15	COMPASS CALL	7.138	1.658	8.318	8.587	12.246
16	Airborne Warning and Control Systems (AWACS)	6.515	3.298	40.717	8.404	11.052
17	Airborne Battlefield Command Control Center	0.186	0.692	0.509	0.488	0.486
18	Advanced Communications Systems	0000	0.451	0.363	0.000	0.000
19	Combat Training Range Equipment	0000	0.037	0.265	1.256	1.368
20	Common Electronic Countermeasures	0000	0.000	0.000	0.717	0.000
21	JOINT STARS	35.292	66.835	73.685	28.824	9.546
22	Combat Development	0.000	0.000	0.000	0.118	0.121
23	E-4B National Airborne Operations Center	0.501	0.841	0.717	1.160	1.113
24	MILSATCOM Terminals	0.039	4.303	4.566	1.874	0.609
25	Aerial Targets	0000	0.000	0.885	0.610	0.729
26	NAVSTAR Global Positioning System (User Eq)	0.045	0.331	0.000	0000	0.000
27	Manned Reconnaissance System	16.455	40.665	40.772	26.808	60.497
28	C-130 Airlift Squadrons	11.121	10.178	2.054	0000	1.883
29	C-141 Airlift Squadrons	1.953	0.000	0.000	0000	0.000
30	C-5 Airlift Squadrons	2.503	2.661	2.448	11.458	26.816
31	C-17 Aircraft	125.867	110.952	0.000	0.000	0.000
32	C-130J Program	3.415	60.674	0.000	0.000	0.000
33	Airlift Mission Activities	989.0	0.951	0.287	0.000	0.000
					Initial Spare Fi	Initial Spare Funding Summary
					Exhibit P	Exhibit P-18A, page 3 of 5
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EXNIBIT P-18A, I	Exhibit P-18A, Initial Spare Funding Summary				Date. I coludity &	
Appropriation (Trea Aircraft Proc	Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 06,	ity 06, Aircraft Spares and Repair Parts	nd Repair Parts			
P-1 LINE		FY 1998		FY 2000	FY 2001	FY 2002
34	KC-135S	5.820	3.248	31.401	8.799	7.545
35	KC-10S	1.567	1.426	1.674	2.344	0.544
36	Operational Support Airlift	269.0	0.095	5.404	3.413	3.404
37	CV-22	0.000	0.000	0.000	16.960	68.244
38	Training	0.000	0.000	0.000	1.540	0.401
39	Special Operations Forces	0.000	7.853	0.000	0000	0000
40	Aerospace Rescue and Recovery	2.242	1.132	0.000	0.000	0000
41	Training Aircraft (ANG)	0000	0000	0.001	0.001	0000
42	F-16 Squadrons (AFR)	0000	0.000	0.000	0.001	0.000
43	Tactical Cryptological Units (ANG)	0.882	0.884	0.000	0.000	0.000
44	Depot Maintenance (NON-IF)	0.000	2.057	0.396	0.073	0.000
45	Logistics Operations (Non-DBOF)	0.273	0.000	0.000	0000	0000
46	New AETC Aircraft System	0000	0.027	0.000	0.000	0000
47	Undergraduate Pilot Training	0.000	0000	0000	8.284	7.892
48	Undergraduate Navigator / NFO TNG	0.713	0.116	0.048	0.049	0.049
49	FIRO-NATO Joint Jet Pilot Training	0.000	0000	0.000	0.019	0.018
	TOTAL INITIAL SPARES	275.482	512.938	441.221	356.076	349.468
					Initial Spare F	Initial Spare Funding Summary
					Exhibit P	Exhibit P-18A, page 4 of 5
		TINC! ACCIEIED	PAGE 6			

Exhibit P-18A, Initial Spare Funding				Date: February 2000	000
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Spares and Repair Parts Aircraft Spares and Repair Parts	6, Aircraft Spares a	nd Repair Parts	· ·		
END ITEM NOMENCLATURE	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002
WCF SPARES EXEMPT SPARES	203.384	320.693	249.609	148 390	194.964
TOTAL INITIAL SPARES	275.482	512.938	441.221	356.076	349.468
				Initi Exhibit P	initial Spare Funding Exhibit P-18A, page 5 of 5
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FY 01 AMENDED BUDGET REQUEST

BUDGET ACTIVITY 07 – AIRCRAFT SUPPORT EQUIPMENT AND FACILITIES

FEBRUARY 2000

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FY 01 AMENDED BUDGET REQUEST BP 12 - COMMON SUPPORT EQUIPMENT

FEBRUARY 2000

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BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	TIFICATION (EXHIBIT P-40)				DATE:	DATE: FEBRUARY 2000	000
APPROP CODE/BA:				P-1 NON	P-1 NOMENCLATURE:			
APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (0&I)	ACEMENT SUPF	ORT EQUIPMEN	JT (O&I)	AIRCRAF	r REPLACEMENT	r SUPPORT EQ	AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) (OVERVIEW)	OVERVIEW)
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$156,119	\$175,350	\$177,943	\$189,520	\$157,956	\$191,153	\$192,068

Description:

- et engine test stands, electronic test sets, maintenance platforms, and automatic test equipment. These items support multiple Air Force weapon requirements ensure continuation of serviceable, supportable equipment over the life of a weapon system. Items being replaced typically range constraints. Items of equipment budgeted within this program include: avionics test stations, air conditioners, munitions handling equipment, intermediate (common and peculiar) support equipment for out-of-production aircraft. These items, common (used on more than one weapon in age from 10 to 30 years old. As a result, this equipment suffers frequent failures, cannot be economically repaired, and requires spare parts 1. This program (previously called Common Support Equipment) provides funding for the procurement of replacement organizational and system) and peculiar (unique to one weapon system), directly support aircraft maintenance and servicing requirements. These replacement which are no longer available. Many items have become technologically obsolete or must be replaced due to environmental operating
- 2. FY00 funding increased from the FY00/01 President's Budget in accordance with FY00 Appropriation Conference Report (106-371), page through FY99 Emergency Supplemental Appropriations and transferred to the Air Force in FY00 from the Overseas Contingency Operations 191, dated 8 Oct 1999 wherein Congress added funds for Common Support Equipment. Additionally, some funds (\$1.3 million) were added Transfer Fund,
- 3. Items requested in FY01 are identified on the attached P-40a and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support Air Force mission requirements.

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PAGE NO: 7 - 1	The same of the sa
EM NO: 66	
P-111	

BUDGET ITEM JUSTIFICATION FOR AGGR	V FOR	AGGREGA	TED ITEN	EGATED ITEMS (EXHIBIT P- 40A)	- 40A)		DATE: FE	FEBRUARY 2000	2000
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (0&I)	PPORT	EQUIPMENT	(0&I)	P-1 NOMEN AIRCRAFT REI	ICLATURE	: SUPPORT EC	P-1 NOMENCLATURE: AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I) (OVERVIEW)	(OVERVIEV	S
	٩			FY	FY1999	FY	FY2000	FY2001	001
PROCUREMENT ITEMS	CODE	QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
1. AIR CONDITIONER, PD-501	A			22	\$6,382				
2. MOBILE AIRBORNE FIRE FIGHTING SYSTEM (MAFFS)	۷			C	\$6,000	က	\$3,500		
3. LANTIRN SUPPORT AND BOMB DAMAGE ASSESSMENT	٧						\$5,300		
4. MAINTENANCE PLATFORM HIGH REACH	A			16	\$8,582	11	\$6,077	10	\$5,690
5. 305 RADIO TEST STATION	A			20	\$6,450	15	\$7,450	15	\$7,450
6. 405 TRANSPORTABLE RADIO TEST STATION	٧			28	\$8,750	15	\$7,450	15	\$7,450
7. ELECTRONIC SYSTEM TEST STATION (ESTS)	٧				\$19,900		\$20,025		\$22,525
8. SELF GENERATING NITROGEN SERVICING CART (SGNSC)	∢			2	\$635	209	\$7,152	360	\$12,038
9. COMMON AIRCRAFT PORTABLE REPROGRAMMING EQUIPMENT (CAPRE)	٧				\$500	270	\$8,092	270	\$5,266
10. JOINT SERVICE ELECTRONIC COMBAT SYSTEMS TESTER (JSECST)	٧							54	\$17,247
11. ITEMS LESS THAN \$5 MILLION	∢				\$98,920		\$110,304		\$100,277
					\$156 119		\$175.350		\$177.943
Remarks:	_			_					
<u>a</u>	P-1 ITEM NO:	:ON I		PAGE NO: 7 - 2	40:			Page 1 of 1	of 1
				1.004	C				

BUDGET ITEM JUSTIFICATION (EXHIBIT P-	IFICATION (EXHIBIT P-40)				DATE:	DATE: FEBRUARY 2000	000
APPROP CODE/BA:				P-1 NON	P-1 NOMENCLATURE:			
APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIP	CEMENT SUPF	ORT EQUIPMEN	MENT (O&I)	MAINTEN	MAINTENANCE PLATFORM, HIGH REACH	M, HIGH REACH		
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$8,582	\$6,077	\$5,690	\$14,064	\$8,450	\$1,243	\$1,281

Description:

- 1. The High Reach Maintenance Platform is a completely self-contained, hydraulically operated unit mounted on a truck type carrier. The aerial lift consists of a turret, inner and outer columns, and an inner/outer boom and platform. The inner/outer boom and platform form an integrated mechanical structure capable of transporting up to 1500 pounds through an extensive range of vertical and horizontal movement. The boom assembly can be extended to a maximum height of 125 feet and has a maximum horizontal reach of 60 feet. The High Reach Maintenance service platform for deicing large aircraft. Lessons learned during Operation Allied Force have resulted in increased requirements for this Platform enables maintenance personnel to safely work on, remove, and install stabilizers on the C-5 and C-17 aircraft. It also provides a maintenance platform to support real-world contingencies.
- the tail sections. The only work-around currently identified borrowing another high reach platform from a different base lacks practicality under equipment will suspend maintenance actions and prevent critical inspection procedures for these large transport aircraft due to inaccessibility of 2. Failure to procure this High Reach Maintenance Platform will severely impact mission readiness for the C-5 and C-17 aircraft. Lack of this contingency operations and may increase aircraft nonavailability to unacceptable levels for mission requirements.
- 3. Type Item: A

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P-1 ITEM NO: 66	

BUDGET PROCUREMENT HISTORY PLANN	r HIST	ORY PL	ANNING (EXHIBIT P- 5A)	r P- 5A)	DATE:		BRUAF	FEBRUARY 2000	
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (0&1)	NT SUP!	PORT EQ	UIPMENT (O&I)	P-1 NOMENCLATURE: MAINTENANCE PLATFORM	P-1 NOMENCLATURE: MAINTENANCE PLATFORM, HIGH REACH				
ITEM / FISCAL YEAR	QTY.	UNIT	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
MAINTENANCE PLATFORM, HIGH REACH									
FY99 (1)	16		536,359 AFMC/SA-ALC	MIPR/OPT/FPE	DLA/TIME CONDOR CORP, WACO, TX (4)	X FEB 99	66 NOr		
FY00 (2)	11	552,450	AFMC/SA-ALC	MIPR/OPT/FPE	DLATIME CONDOR CORP, WACO, TX	X FEB 00	MAY 00	>	
FY01 (3)	10		569,024 AFMC/SA-ALC	MIPR/OPT/FPE	DLA/TIME CONDOR CORP, WACO, TX	NOV 00	MAR 01	>	
REMARKS: 1. FY99 unit cost decreased in accordance with DLA adjustments for escalation enabling the Air Force to increase procurement quantities. 2. FY00 projected unit cost based on adjusted FY99 DLA contract award. FY00 buy will be adjusted to maximize quantities toward Air Force inventory objective. 3. FY01 unit cost based on adjusted FY99 unit cost. 4. Calavar, Waco, TX, changed its' name to Time Condor Corp, Waco, TX.	ccordanc d on adju sted FY9: ts' name	ce with DL usted FY9 9 unit cos to Time (A adjustments for esc 9 DLA contract award. t. Condor Corp, Waco, T.	alation enabling the FY00 buy will be a X.	REMARKS: 1. FY99 unit cost decreased in accordance with DLA adjustments for escalation enabling the Air Force to increase procurement quantities. 2. FY00 projected unit cost based on adjusted FY99 DLA contract award. FY00 buy will be adjusted to maximize quantities toward Air For objective. 3. FY01 unit cost based on adjusted FY99 unit cost. 4. Calavar, Waco, TX, changed its' name to Time Condor Corp, Waco, TX.	t quantities vard Air Fo	orce inver	ntony	
	P-,	P-1 ITEM NO: 66	ö	PAGE NO:			Page	e 1 of	-

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	FICATION (I	EXHIBIT P-40)				DATE:	DATE: FEBRUARY 2000	000
APPROP CODE/BA:				P-1 NON	P-1 NOMENCLATURE:	••		
APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (0&I)	SEMENT SUPF	ORT EQUIPMEN	1T (O&I)	305 RADIC	305 RADIO TEST STATION	7		
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$6,450	\$7,450	\$7,450	\$0	\$0	\$0	\$0

Description:

- different testers, allowing interchangeability of tester hardware between maintenance shops. This interchangeability will reduce work stoppages and troubleshoot failures in E-3B/C LRUs and SRUs. A TPS consists of test software, Interface Test Adapter (ITA), and cables used to connect general purpose test equipment (GPTE). The test equipment consists of a systems controller, controller operational software, power source, RF different E-3 Airborne Warning & Control System (AWACS) Line Replaceable Units (LRUs)/Shop Replaceable Units (SRUs). It replaces 14 and eliminate proliferation of support equipment, greatly reducing logistics support requirements and costs. The TPSs automatically diagnose 1. The 305 Radio Test Station, also known as the Radio Frequency Benchtop Reconfigurable Automatic Tester (RF BRAT), is a flexible test system based on an open architecture of commercial equipment in a modular design used to support E-3B/C aircraft. It can also be used as modules, Analog/Digital modules and Test Program Sets (TPSs). This acquisition will provide a standard commercial test system for 78 the ITA to the item under test. Programming is done through a graphical environment, facilitating operator use/training.
- reductions in testing time and maintenance costs while increasing the aircraft mission capable (MC) rates. Prior year funds procured 305 Radio Test Stations hardware requirements. FY99-01 funding continues support for this test station by procuring software requirements and funding 2. Failure to fund this program would greatly impair E-3B/C aircraft mission readiness. Incorporation of state-of-the-art TPSs facilitates essential integration support activities.
- 3. Items requested in FY01 are identified on the following P-5 and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.

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PAGE NO:	
1 ITEM NO: 66	
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WEAPON SYSTEM COST ANALYSIS (EXHIB	YLYSIS.	(ЕХНІВІ	IT P- 5)						O	DATE: F	FEBRUARY 2000	\RY 200	0
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPM	JPPORT I	EQUIPME	ENT (0&I)		P-1 NOMENCLATURE: 305 RADIO TEST STATION	ENCLA:	TURE: FATION						
	1111				_	FY1999			FY2000			FY2001	
WEAPON SYSTEM COST ELEMENTS	CODE	QTY	UNIT	TOTAL COST	ату	UNIT	TOTAL COST	QТY	UNIT	TOTAL	QTY	UNIT	TOTAL
305 RADIO TEST STATION	А												
TEST PROGRAM SETS (TPS)					20	250,000	5,000	15	350,000	5,250	15	350,000	5,250
INDEPENDENT VALIDATION & VERIFICATION (IV & V)							200			200			200
PROGRAM SUPPORT										250			250
INTERIM CONTRACT SUPPORT (ICS)							250			750			750
DATA							700			700			700
TOTALS:							6,450			7,450			7,450
REMARKS:													
	P-1 ITEM NO:	ÖN -			PAC	PAGE NO: 7-6					Pa	Page 1 of	-

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	IIFICATION (EXHIBIT P-40)				DATE:	DATE: FEBRUARY 2000	000
APPROP CODE/BA:				P-1 NON	P-1 NOMENCLATURE:	•••		
APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (0&I)	CEMENT SUPF	ORT EQUIPMEN	VT (O&I)	405 TRAN	405 TRANSPORTABLE RADIO TEST STATION	DIO TEST STA1	NOIL	
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$8,750	\$7,450	\$7,450	\$0	\$0	\$0	\$0

Description:

- replaces 14 different existing testers, allowing interchangeability of tester hardware between maintenance shops. This interchangeability reduces work stoppages, eliminates proliferation of support equipment and reduces overall logistics support requirements and costs. The TPSs diagnose Interface Test Adapter (ITA), and cables used to connect the ITA to the item being tested. Programming is done through a graphical facilitating aircraft. It can also be used as general purpose test equipment (GPTE). The interface provides universal analog, dynamic and static digital test modules, Analog/Digital modules and Test Program Sets (TPSs). This procurement provides a transportable standard commercial test system (RF T-BRAT), is a flexible test system, based on an open architecture of commercial equipment in a modular design used to support E-3B/C 1. The 405 Transportable Radio Test Station, also known as the Radio Frequency Transportable Benchtop Reconfigurable Automatic Tester and troubleshoot failures in LRUs and SRUs in the E-3B/C while the aircraft is in a deployed environment. A TPS consists of test software, Adapter (ITAs). The test equipment consists of, but is not limited to, systems controller, controller operational software, power source, RF for 78 different E-3 Airborne Warning & Control Systems (AWACS) Line Replaceable Units (LRUs)/Shop Replaceable Units (SRUs). It points, three phase facility power routing, and dedicated radio frequency paths which reduce the number and complexity of Interface Test operator use/training.
- reductions in testing time and maintenance costs while increasing the aircraft mission capable (MC) rates. Prior year funds procured 405 Radio Test Stations hardware requirements. FY99-01 funding continues support for this test station by procuring software requirements and funding 2. Failure to fund this program would greatly impair the E-3B/C aircraft mission readiness. Incorporation of state-of-the-art TPSs facilitate essential integration support activities.

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P-1 ITEM NO: 66

SUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	/Q	DATE: FEBRUARY 2000
APPROP CODE/BA:	P-1 NOMENCLATURE:	
APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (0&I)	405 TRANSPORTABLE RADIO TEST STATION	t STATION
Description (cont.):		
3. Items requested in FY01 are identified on the following P-5 and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.	following P-5 and are representative of items to be procured. to support current Air Force mission requirements.	Items procured during execution
P-1 ITEM NO:	PAGE NO: 7 - 8	Page 2 of 2

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WEAPON SYSTEM COST ANALYSIS (EXHIB	LYSIS (EXHIBI	IT P- 5)							DATE: F	-EBRU/	FEBRUARY 2000	0
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPM	PORT	EQUIPME	ENT (0&I)		P-1 NOMENCLATURE: 405 TRANSPORTABLE RADIO TEST STATION	IENCLA SPORTAE	TURE: 3LE RADIO	о теѕт ध	STATION				
	1111					FY1999			FY2000			FY2001	
WEAPON SYSTEM COST ELEMENTS	CODE	αTY	UNIT	TOTAL COST	ату	UNIT	TOTAL COST	αтγ	UNIT	TOTAL COST	αTY	UNIT	TOTAL
405 TRANSPORTABLE RADIO TEST STATION	A												
DATA							700			700			700
TEST PROGRAM SETS (TPS)					28	250,000	7,000	15	350,000	5,250	15	350,000	5,250
INTERIM CONTRACT SUPPORT (ICS)							250			750			750
INDEPENDENT VALIDATION & VERIFICATION (IV&V)							200			200			200
PROGRAM SUPPORT										250			250
TEST/ENGR SUPPORT							300						
TOTALS:							8,750			7,450			7,450
REMARKS:													
.	P-1 ITEM NO:	Ö			PAC	PAGE NO:		:			Pa	Page 1 of	1
		-											

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	IFICATION (EXHIBIT P-40)				DATE:	DATE: FEBRUARY 2000	000
APPROP CODE/BA:				P-1 NON	P-1 NOMENCLATURE:			.4
APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (0&I)	CEMENT SUPF	PORT EQUIPMEN	VT (O&I)	ELECTRO	ELECTRONIC SYSTEM TEST STATION (ESTS)	ST STATION (E	STS)	
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$19,900	\$20,025	\$22,525	\$11,525	\$5,000	\$5,000	\$5,000

Description:

- parametric testing for trouble shooting and repair of F-15 Line Replaceable Units (LRUs). While providing ambient air cooling to the LRU Unit Under Test (UUT), the ESTS evaluates the overall performance of the system and subsystems for the F-15 antenna, fire control and telemetering required by the current Avionics Intermediate Shop (AIS) it replaces, while offering increased reliability, maintainability and reduced test cycle systems. Test Program Sets (TPSs) consist of software, interface test adapters, documentation and cables required as an interface between the ESTS and the aircraft LRUs. The ESTS has been designed as a stand alone system requiring one pallet to deploy in lieu of the 22 pallets 1. The Electronic System Test Station (ESTS) is a mobile test station comprised of multiple electronic components which will perform times. The existing F-15 AIS (developed in the early 1970s) contains obsolete electronic components and has become increasingly unsupportable. The ESTS supports the following Air Force aircraft: F/TF-15 A/B/C/D/E.
- funds procured Electronic System Test Stations hardware requirements. FY99-01 funding continues support for this test station by procuring requirements cannot be met by modifying the AIS, which has become technologically outdated and virtually impossible to deploy. Prior year 2. Failure to fund the ESTS program will hamper the F-15's ability to sustain required rate of sortie operations due to the backlog of failed operational tempo or deployed conditions. Air Combat Command's requirement for a truly mobile tester to meet Expeditionary Air Force aircraft systems requiring testing and repair. The older AIS test stations cannot accommodate existing workloads under sustained high software requirements and funding essential integration support activities.
- 3. Items requested in FY01 are identified on the following P-5 and are representative of items to be procured. Items procured during execution

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)		DATE: FEBRUARY 2000	ARY 2000
APPROP CODE/BA:	P-1 NOMENCLATURE:		
APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (O&I)	ELECTRONIC SYSTEM TEST STATION (ESTS)	TATION (ESTS)	
Description (cont.): may change based on critical equipment needed to support current	to support current Air Force mission requirements.		
P-1 ITEM NO: 66	PAGE NO: 7-11		Page 2 of 2

WEAPON SYSTEM COST ANALYSIS (EXHI	YLYSIS .	(ЕХНІВ	BIT P- 5)						_	DATE:	-EBRU	FEBRUARY 2000	0
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (0&I)	JPPORT I	EQUIPME	ENT (O&I)	N	P-1 NOMENCLATURE: ELECTRONIC SYSTEM TEST STATION (ESTS)	ENCLA NIC SYST	TURE: TEM TEST	STATIO	N (ESTS)				
	1,1					FY1999			FY2000			FY2001	
WEAPON SYSTEM COST ELEMENTS	CODE	αту	COST	TOTAL COST	ΩTY	UNIT	TOTAL COST	QTY	UNIT	TOTAL COST	QTY	UNIT	TOTAL
ELECTRONIC SYSTEM TEST STATION (ESTS)	٧												
INTERFACE TEST ADAPTERS (ITA)								80	166600	13,328			
ITA HARDWARE RETROFIT (1)							3,255						
INTERIM CONTRACTOR SUPPORT (ICS) (2)							12,959			4,697			8,245
TPS PRODUCTION UPDATE (3)							125						
Y2K SYSTEM CONTROLLERS							1,438						
GOVERNMENT FURNISHED EQUIPMENT REPAIR / REFURBISH (4)							2026			2,000			2,598
ADVISORY AND ASSISTANCE SERVICES							97						
RADIO LINE REPLACEABLE UNITS (LRU) TPS (5)											40	292050	11,682
TOTALS:							19,900			20,025			22,525
REMARKS: 1. Upgrading of developmental ITAs to production configuration. 2. Interim Contractor Support provides for the following: Inclusive maintenance support to include purchase of a material augmentation package to allow for quick turnaround of parts, tech orders, deficiency reports, and configuration management. 3. Upgrade two Qualification Test and Evaluation (QT&E) ITA sets from pre-production configuration to production configuration. 4. Repair/refurbish GFE failures during testing. 5. Unit cost for Radio LRU TPS based on contractor engineering estimate.	o producti s for the fi h orders, I Evaluati g testing. I on contr	ion config ollowing: deficienc on (QT&E actor eng	juration. Inclusive vy reports, E) ITA sett jineering (maintens and conf s from pre estimate.	ance supp iguration r s-productii	ort to inclu managem nn configu	ide purcha ant. ration to p	ise of a n roduction	naterial au configura	igmentatic ation.	on packaç	e to	
	P-1 ITEM NO:	ON			PAC	PAGE NO: 7 - 12					Pa	Page 1 of 1	

BUDGET ITEM JUSTIFICATION (EXHIBIT P-	TIFICATION (I	EXHIBIT P-40)				DATE:	DATE: FEBRUARY 2000	000
APPROP CODE/BA:				P-1 NOM	P-1 NOMENCLATURE:	••		
APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIP	ACEMENT SUPF	ORT EQUIPMEN	MENT (O&I)	SELF-GEN	ERATING NITRO	OGEN SERVICIN	SELF-GENERATING NITROGEN SERVICING CART (SGNSC)	(Ç
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$635	\$7,152	\$12,038	\$12,434	\$12,811	\$5,425	\$0

Description:

- obsolete systems: (1) the liquid nitrogen servicing cart, (2) six and eight bottle nitrogen servicing carts, and (3) an air compressor. The SGNSC than 4,000 pounds. It produces gaseous nitrogen through use of a plastic fiber membrane that separates pure nitrogen from ambient compressed air. The SGNSC will be used throughout the Air Force to service aircraft tires, struts, and accumulators. The unit replaces three unreliable and will be rapidly deployable to support expeditionary operations and capable of supporting aircraft under remote, austere basing conditions. The 1. The Self-Generating Nitrogen Servicing Cart (SGNSC) is a self-contained, diesel engine powered, four wheel, towable cart weighing less SGNSC will provide significant improvements to logistics supportability and personnel safety by eliminating the need to store and transport liquid nitrogen. All major USAF aircraft weapon systems are supported by the SGNSC: A-10, B-1B, B-2, B-52, C-5, C-17, C-20, C-130, C-135, C-141, E-8, EC-3A, F-15, F-16, F-117, T-37, T-38, and T-39.
- must be filled with liquid nitrogen supplied by either a cryogenic plant or through contract services and then converted to gaseous nitrogen in the deployment forces the Air Force to ship and store 400 gallon liquid nitrogen storage tanks. Utilizing the SGNSC will reduce manhours required for nitrogen servicing and decrease the deployment footprint for aircraft squadrons, which has become critical to current peacetime and wartime will be more efficient, safe, maintainable, and cost effective than the present systems for servicing Air Force aircraft. Currently, servicing carts technological improvements key to supporting forward basing and rapid deployment under the Air Expeditionary Force concept. The SGNSC servicing cart -- a hazardous and time consuming operation. Nonavailability of the required quantities of liquid nitrogen in the local area of a 2. Failure to procure the SGNSC would result in Air Force dependence on unreliable, obsolete systems and fail to provide essential

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P-1 ITEM NO: 66

BUDGET ITEM JUSTIFICATION (EXHIBIT	EXHIBIT P-40)		DATE: FEBRUARY 2000
APPROP CODE/BA:		P-1 NOMENCLATURE:	
APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (0&I)	ORT EQUIPMENT (O&I)	SELF-GENERATING NITROG	SELF-GENERATING NITROGEN SERVICING CART (SGNSC)
Description (cont.):			
3. FY00 funding increased from FY00/01 President's Budget in accordance with FY00 Appropriation Conference Report (106-371), dated 8 Oct 1999 wherein Congress increased funding for the SGNSC.	0/01 President's Budget in accordar funding for the SGNSC.	nce with FY00 Appropriation C	Conference Report (106-371), dated 8
4. Items requested in FY01 are identified on the may change based on critical equipment needed to	ied on the following P-5 and are rent of needed to support current Air Fo	following P-5 and are representative of items to be proce support current Air Force mission requirements.	4. Items requested in FY01 are identified on the following P-5 and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.
	P-1 ITEM NO: 66	PAGE NO: 7 - 14	Page 2 of 2
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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P. 5)	TASIS	(ЕХНІВ	IT P- 5)						Ď	DATE: F	FEBRUARY 2000	\RY 200	9
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMI	IPPORT	EQUIPME	ENT (0&I)		P-1 NOMENCLATURE: SELF-GENERATING NITROGEN SERVICING CART (SGNSC)	ENCLA IERATINC	A TURE: 3 NITROG	EN SER	ICING C	ART (SGN	(SC)		
						FY1999			FY2000			FY2001	
WEAPON SYSTEM COST ELEMENTS	CODE	αту	UNIT	TOTAL COST	αтν	UNIT	TOTAL COST	QTY	UNIT	TOTAL COST	QTY	UNIT	TOTAL
SGNSC	٧							509	34,220	7,152	360	33,440	12,038
FIRST ARTICLE UNITS	٧				2	244,304	489						
TECHNICAL MANUALS							9						
TRAINING (TYPE I)							46						
PROVISIONING DATA							40						
TOTALS:							635			7,152			12,038
REMARKS:													
<u>a</u>	P-1 ITEM NO:	ÖN			PA(PAGE NO: 7 - 15					- Pa	Page 1 of	₹

BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	L HIST	ORY PL	ANNING (EXHIBIT	r P- 5A)	DA	DATE: FE	FEBRUARY 2000	۲۲ 2000	
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPM	NT SUPF	PORT EQ	UIPMENT (O&I)	P-1 NOMENCL/ SELF-GENERATIN	P-1 NOMENCLATURE: SELF-GENERATING NITROGEN SERVICING CART (SGNSC)	T (SGNSC)			
ITEM / FISCAL YEAR	QTY.	UNIT	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE	DATE FIRST DEL.	SPECS AVAIL NOW	DATE REV. AVAIL
SGNSC									
FY99 FIRST ARTICLE UNITS	2	244,304	AFMC/SA-ALC	C/FFP	PACIFIC CONSOLIDATED INDUSTRIES, SANTA ANA, CA	ES, OCT 98	FEB 00		
FY00	209	34,220	AFMC/SA-ALC	OPT/FFP	PACIFIC CONSOLIDATED INDUSTRIES, SANTA ANA, CA	ES, FEB 00	APR 00	>	
FY01	360		33,440 AFMC/SA-ALC	OPT/FFP	PACIFIC CONSOLIDATED INDUSTRIES, SANTA ANA, CA	ES, DEC 00	FEB 01	\	
REMARKS:									
	P-1	P-1 ITEM NO: 66	Ö	PAGE NO: 7 - 16			Page	e 1 of	-

BUDGET ITEM JUSTIFICATION (EXHIBIT P-	TIFICATION (F	EXHIBIT P-40)	(DATE:	DATE: FEBRUARY 2000	000
APPROP CODE/BA:				P-1 NON	P-1 NOMENCLATURE:			**************************************
APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPM	ACEMENT SUPP	ORT EQUIPMEN	MENT (O&I)	COMMON	AIRCRAFT POR	TABLE REPRO	COMMON AIRCRAFT PORTABLE REPROGRAMMING EQUIPMENT	JIPMENT
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$500	\$8,092	\$5,266	\$7,259	\$7,311	\$7,480	\$7,173

Description:

- System (DCS). The CAPRE will be used on the flightline to reprogram software in aircraft computers, update threat data in electronic warfare pods, perform aircraft diagnostic troubleshooting, and support automated technical orders and related maintenance information systems. This 1. The Common Aircraft Portable Reprogramming Equipment (CAPRE) replaces the Program Loader Verifier (PLV) and Digital Computer equipment supports the following Air Force weapon systems: A-10, B-52, C-5, C-17, C-130, F-15, F-16, H-60, and MH-53
- aircraft. Without the most current threat data, mission capability will be reduced and could result in the loss of aircraft and life. Maintenance 2. Modern combat missions rely on the rapid deployment of updated operational flight software and enemy threat information for reducing obsolescence of their internal components. Failure to procure the CAPRE will prevent essential loading of classified mission data onto the aircrew vulnerability and enhancing mission effectiveness. Current PLVs and DCSs are becoming increasingly unsupportable due to capability will also be degraded, adversely affecting aircraft readiness.
- 3. Items requested in FY01 are identified on the following P-5 and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.

Page 1 of 1	
E NO:	
PAGE N	The second secon
P-1 ITEM NO:	

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WEAPON SYSTEM COST ANALYSIS (EXHIBIT P-3)	LYSIS	ЕХНІБІ	r- 5)						ב	DAIE.	משב	707 700	2
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPM	PPORT E	EQUIPME	ENT (0&I)		2-1 NOM	IENCLA AIRCRAF	TURE:	ABLE REF	PROGRAI	P-1 NOMENCLATURE: COMMON AIRCRAFT PORTABLE REPROGRAMMING EQUIPMENT	QUIPMEN	5	
	į			_		FY1999			FY2000			FY2001	
WEAPON SYSTEM COST ELEMENTS	CODE	αту	UNIT	TOTAL COST	ΔTY	UNIT	TOTAL	αту	UNIT	TOTAL COST	QTY	UNIT	TOTAL
CAPRE	٧							270	9,137	2,467	270	9,137	2,467
BID SAMPLE TESTING (1)							200						
TECHNICAL ORDER										55			55
AIRCRAFT ADAPTER GROUPS (AAG) (2)										5,289			2,273
DATA										29			11
INTERIM CONTRACTOR SUPPORT (ICS) (3)										252			460
TOTALS:							500			8,092			5,266
REMARKS: 1. This is a COTS item, but the government requires testing that exceeds the testing performed by the contractor, i.e. explosive atmosphere, flight line certification, etc. Contractor will also be responsible for developing a controlled database with all test results and aircraft reprogramming requirements. 2. Aircraft Adapter Groups (AAG) are required to interface the CAPRE and the weapons system being loaded. 3. Interim Contractor Support provides specified maintenance, technical and repair support.	ment req	uires testi sible for de to interfac d'mainten	ng that e eveloping se the CA ance, tec	xceeds the control of a control of the control of t	ne testing led datab liled datab the weap d repair su	performed ase with a ons syste upport.	d by the complete tresimal being le	ontractor, oaded.	i.e. explos	sive atmos rogrammin	phere, flig	aments.	
Ġ	P-1 ITEM NO:	Ö			PA(PAGE NO: 7 - 18					Pa	Page 1 of 1	_

APPRIOR CODE/BA: Port NOMBNOLLATURE: Port NOMBNOLLATURE: Port NOMBNOLLATURE: Post NOMBNOLLATURE: Post NOMBNOLLATURE: Profit State REPROGRAMMING EQUIPMENT Profit State REPROGRAM	BUDGET PROCUREMENT HISTORY PLAN	T HIST	ORY PL	ANNING (EXHIBIT P- 5A)	- P- 5A)		DATE:		FEBRUARY 2000	Y 2000	
ATE PECS AVAIL AVAIL AR 00 APR 00 Y OV 00 DEC 00 Y Sition strategy from FY00 contract will APR 01 AP	APPROP CODE/BA: APAF/AIRCRAFT REPLACEME	NT SUP	PORT EQ		P-1 NOMENCLA COMMON AIRCRAI	TURE: FT PORTABLE REPROGRAN	AMING E	EQUIPA	AENT		
AR 00 APR 00 Y OV 00 DEC 00 Y Sition strategy from FY00 contract will Page 1 of	ITEM / FISCAL YEAR	QTY.	UNIT	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	7			SPECS AVAIL NOW	DATE REV. AVAIL
AR 00 APR 00 Y OV 00 DEC 00 Y Sition strategy from FY00 contract will Page 1 of	CAPRE										
Sition strategy from FY00 contract will Page 1 of	FY00	270		AFIN	MIPR/FFP	GSA/UNKNOWN	2		APR 00	>	
FY00 contract will Page 1 of	FY01	270		AFM	MIPR/FFP	GSA/UNKNOWN			DEC 00	>	
PAGE NO: Page 1 of 7 - 19	REMARKS: FY99 contract awarded to Southv the FY00/01 President's Budget t be 3-year Requirements contract	west Res to select with 2 o	earch Insi	litute, San Antonio, TX, tor off the GSA schedul	, for bid sample testi	ng only. The Air Force change on in unit cost and delivery lea	ed acqui	10	contract	round in the state of the state	
		P-	I ITEM N	:0:	PAGE NO 7 - 19				Page	-	

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	ICATION (E	EXHIBIT P-40)				DATE:	DATE: FEBRUARY 2000	000
APPROP CODE/BA:				P-1 NON	P-1 NOMENCLATURE:			
APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (0&I)	MENT SUPP	ORT EQUIPMEN	VT (O&I)	JOINT SE	JOINT SERVICE ELECTRONIC COMBAT SYSTEMS TESTER	NIC COMBAT S	SYSTEMS TESTE	я: -
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$0	\$0	\$17,247	\$31,205	\$0	\$0	\$0

Description:

- USM-406C/D tester, augment the Navy USM-482A tester, and fill a void in current Air Force electronic combat systems testing capability. Five prototypes currently in engineering manufacturing development (EMD) are being procured with RDT&E funds, documented in the Air Force 1. The Joint Service Electronic Combat System Tester (JSECST) is a flightline end-to-end electronic combat system test set capable of verifying system status and providing malfunction diagnostics for Air Force and Navy aircraft. The JSECST will replace the Navy Descriptive Summaries in PE 64270F. This tester supports the following Air Force aircraft: A-10, C-130, F-15 and F-16.
- to ensuring aircraft combat effectiveness. Failure to procure the JSECST will leave field level units incapable of flightline electronic system test 2. The Combat Air Force considers the JSECST a top priority procurement item due to the increasing importance of aircraft electronic systems capability for combat aircraft, ultimately impacting readiness and sortie rate generation.
- 3. Items requested in FY01 are identified on the following P-5 and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support current Air Force mission requirements.

P-1 ITEN 66	ON NO:	PAGE NO: 7 - 20	 Page 1 of 1

WEAPON SYSTEM COST ANALYSIS (EXH	LYSIS		IBIT P- 5)						<u> </u>	DATE: F	FEBRU/	FEBRUARY 2000	0
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (0&I)	IPPORT	EQUIPME	ENT (O&I)		P-1 NOMENCLATURE: JOINT SERVICE ELECTRONIC COMBAT SYSTEMS TESTER	MENCLA RVICE EL	TURE: ECTRON	IC COME	AT SYST	EMS TES	TER		
	TATA					FY1999			FY2000			FY2001	
WEAPON SYSTEM COST ELEMENTS	CODE	αTY	UNIT	TOTAL	αту	UNIT	TOTAL COST	QTY	UNIT	TOTAL	ΩTY	UNIT	TOTAL COST
JSECST	٧										54	186,065	10,048
TEST PROGRAM SETS (TPS)													6,227
ENG CHANGE ORDERS (ECO)													972
TOTALS:													17,247
REMARKS: The Air Force and the Navy are buying the same core	the sam	e core JS	ECST Te	ist Sets; t	JSECST Test Sets; however, each service has specific Test Program Set (TPS) requirements.	each servic	se has sp.	ecific Tes	t Program	Set (TPS) requiren	nemts.	
<u> </u>	P-1 ITEM NO:	ON			PA(PAGE NO: 7 - 21					Pa	Page 1 of 1	_

APPROP CODEIGN: APARINCRAFT REPLACEMENT SUPPORT EQUIPMENT (OSI) TIEM, BECAL YAR TEM, BECAL YAR TEM, SECST FYOT FYOT FINE AND LECATION AND LECATION AND LECATION AND LECATION AND LECATION AND LECATION AND LECATION AND LECATION AND LECATION AND LECATION AND LECATION AND LECATION AND LECATION AND LECATION AND LECATION AND LECATION AND LECATION AND LECATION AND LINES AND LECATION AND	BUDGET PROCUREMENT HISTORY PLANNING (EXHIBIT P-5A)	T HIST	ORY PL	ANNING (EXHIBIT	. P- 5A)		DATE: F	FEBRUARY 2000	RY 2000	
AVAIL NOW	APPROP CODE/BA: APAF/AIRCRAFT REPLACEMEN	NT SUPI	PORT EQ		P-1 NOMENCL A	ATURE: LECTRONIC COMBAT SYSTI	EMS TESTE	K.		
>	ITEM / FISCAL YEAR	QTY.	UNIT	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWI			DATE REV. AVAIL
>	JSECST									
- T	FY01	22			SS/FFP	AAI CORP, HUNT VALLEY, MD	APR		>	
PAGE NO: Page 1 of 7-22	REMARKS: First article testing is being accorr Price Commitment Curve (PPCC) Critical Design Review. A produc	nplished) establis	on R&D E	iMD units. Based on tl g award of the R&D co duled for no later than	ne current acquisition intract, the Governm Apr 01 with first delia	n plan, if the contractor, AAI C ent will award a sole source p very in Dec 01.	orp. meets roduction or	a Production primare affection and affection	ر الم	
		Ġ	1 ITEM N 66	ö	PAGE NO 7 - 22			Pag	-	

BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	FICATION (E	EXHIBIT P-40)				DATE:	DATE: FEBRUARY 2000	000
APPROP CODE/BA:				P-1 NOM	P-1 NOMENCLATURE:	••		,
APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (0&I)	SEMENT SUPP	ORT EQUIPMEN	√T (O&I)	ITEMS LE	TEMS LESS THAN \$5,000,000	000		
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$98,920	\$110,304	\$100,277	\$80,897	\$76,946	\$70,700	\$76,250

Description:

- 1. The "Items Less Than \$5 Million" line procures replacement organizational and intermediate (common and peculiar) support equipment for out-of-production aircraft. Common items (used on more than one weapon system) and peculiar items (unique to one weapon system) directly support aircraft maintenance and servicing requirements. These replacement items ensure continuation of serviceable, supportable equipment over the life of a weapon system, and consist of over 70,000 national stock numbers (NSNs) items as well as numerous items which are non-stocklisted (NSL)
- 2. All items have an annual procurement value of less than \$5,000,000 and are designated Code A. Items requested in FY01 are identified on the following P-40a and are representative of items to be procured. Items procured during execution may change based on critical equipment needed to support Air Force mission requirements.

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PAGE NO: 7 - 23

P-1 ITEM NO: 66

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A-IL)	TEMS (EXHIBIT P- 40/	\-IL)	DA	DATE: FEBRUARY 2000	۲۲ 2000
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (0&I)	P-1 NOMENCLATURE: ITEMS LESS THAN \$5,000,000	FURE: ,000,000			
					FY2001
PROCUREMENT ITEMS	NSN	QTY.	COST	QTY.	COST
MAJOR PROCUREMENTS					
MHU-83D/E LIFT TRUCK	1730014462422			64	\$4,561
C-5 ISOCHRONIC MAINTENANCE PLATFORM	1730001573976			_	\$3,955
UMS, DIESEL, SPLIT DECK MAINT PLATFORM	1730013704268			33	\$3,722
15 TON PNEUMATIC LIFTING BAG	5120012842611YZ			120	\$3,591
ENVIRONMENTAL CONTROL SYSTEM TEST SET	4920014242115FX			0.2	\$3,380
C-5 EMPANNAGE STAND	1730001583039			2	\$3,186
IDENTIFICATION FRIEND OR FOE INTERROGATOR/TRANSPONDER TEST SET (IFFITTS)	6625014584627			240	\$3,179
TRUCK MOUNTED DEICER	1730005556205			16	\$3,544
NEW GENERATION HEATER	NSL			200	\$2,368
MINOR PROCUREMENTS (GROUPED BY FEDERAL SUPPLY CLASS (FSC))					
FSC 1560 AIRCRAFT STRUCTURAL COMPONENTS					9\$
FSC 1670 PARACHUTES AND AERIAL PICKUP, DELIVERY, RECOVERY SYSTEMS AND CARGO TIEDOWN EQUIPMENT					\$94
P-1 ITEM NO: 66	PAGE NO: 7 - 24			Pag	Page 1 of 4

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITI	EGATED ITEMS (EXHIBIT P- 40A-IL)	\-IL)	<u> </u>	DATE: FEBRUARY 2000	JARY 2000
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (0&I)	P-1 NOMENCLATURE: ITEMS LESS THAN \$5,000,000	FURE: ,000,000			
					FY2001
PROCUREMENT ITEMS	NSN	QTY.	COST	QTY.	COST
FSC 1680 MISCELLANEOUS AIRCRAFT ACCESSORIES AND COMPONENTS					\$285
FSC 1710 AIRCRAFT, ARRESTING, BARRIER AND BARRICADE EQUIPMENT					\$589
FSC 1730 AIRCRAFT GROUND SERVICING EQUIPMENT					\$21,242
FSC 1740 AIR FIELD SPECIALIZED TRUCKS AND TRAILERS					\$15
FSC 2330 TRAILERS					\$41
FSC 3655 GAS GENERATING AND DISPENSING SYSTEMS, FIXED OR MOBILE					\$928
FSC 3940 BLOCKS, TACKLE, RIGGING AND SLINGS					
FSC 3950 WINCHES, HOISTS, CRANES AND DERRICKS				 .	\$155
FSC 4110 REFRIGERATION EQUIPMENT				**	\$17
FSC 4120 AIR CONDITIONING EQUIPMENT					
FSC 4310 COMPRESSORS AND VACUUM PUMPS					\$700
FSC 4320 POWER AND HAND PUMPS					\$25
FSC 4520 SPACE HEATING EQUIPMENT AND DOMESTIC WATER HEATERS					\$245
FSC 4720 HOSE AND TUBING, FLEXIBLE					
FSC 4910 MOTOR VEHICLE MAINTENANCE AND REPAIR SHOP SPECIALIZED EQUIPMENT					\$20
FSC 4920 AIRCRAFT MAINTENANCE AND REPAIR SHOP SPECIALIZED EQUIPMENT, EXCEPT AIRBORNE ELECTRONICS					\$20,201
FSC 4930 LUBRICATION AND FUEL DISPENSING EQUIPMENT					\$143
P-1 ITEM NO:	PAGE NO:			<u> </u>	Page 2 of 4

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITI	EGATED ITEMS (EXHIBIT P- 40A-IL)	\-IL)	DAI	DATE: FEBRUARY 2000	4RY 2000
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (0&I)	P-1 NOMENCLATURE: ITEMS LESS THAN \$5,000,000	FURE: ,000,000			-
					FY2001
PROCUREMENT ITEMS	NSN	QTY.	COST	QTY.	COST
FSC 4933 WEAPONS MAINTENANCE AND REPAIR SHOP SPECIALIZED EQUIPMENT					\$51
FSC 4940 MISCELLANEOUS MAINTENANCE REPAIR SHOP SPECIALIZED EQUIPMENT AND BETWEEN MAINTENANCE AND REPAIR					\$12
FSC 5110 HAND TOOLS, EDGED, NONPOWERED					\$217
FSC 5120 HAND TOOLS, NONEDGED, NOWPOWERED					\$3,801
FSC 5130 HAND TOOLS, POWER DRIVEN					\$200
FSC 5180 SETS, KITS, AND OUTFITS OF HAND TOOLS					\$3,072
FSC 5210 MEASURING TOOLS CRAFTMAN'S		-			\$88
FSC 5220 INSPECTION GAGES AND PRECISION LAYOUT TOOLS					\$260
FSC 5280 SETS, KITS, AND OUTFITS OF MEASURING TOOLS					\$33
FSC 5340 MISCELLANEOUS HARDWARE					\$
FSC 5365 RINGS, SHIMS, AND SPACERS					\$
FSC 5935 CONNECTORS, ELECTRICAL					2\$
FSC 5995 CABLE, CORD AND WIRE ASSEMBLIES; COMMUNICATION EQUIPMENT					\$2
FSC 6080 FIBER OPTIC KITS AND SETS					\$4
FSC 6115 GENERATORS AND GENERATOR SETS, NONAIRBORNE (YV CODED ITEMS)					\$2,142
FSC 6130 CONVERTERS, ELECTRICAL, NONROTATING					828
FSC 6150 MISCELLANEOUS ELECTRIC POWER AND DISTRIBUTION EQUIPMENT					\$2,146
P-1 ITEM NO: 66	PAGE NO: 7 - 26			Pa	Page 3 of 4

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A-IL)	MS (EXHIBIT P- 40/	ı-IL)	DA-	DATE: FEBRUARY 2000	RY 2000
APPROP CODE/BA: APAF/AIRCRAFT REPLACEMENT SUPPORT EQUIPMENT (0&I)	P-1 NOMENCLATURE: ITEMS LESS THAN \$5,000,000	TURE: ,000,000			
					FY2001
PROCUREMENT ITEMS	NSN	QTY.	COST	QTY.	COST
FSC 6230 ELECTRIC PORTABLE AND HAND LIGHTING EQUIPMENT					\$1
FSC 6610 FLIGHT INSTRUMENTS					\$
FSC 6625 ELECTRICAL AND ELECTRONIC PROPERTIES MEASURING AND TESTING INSTRUMENT					\$4,654
FSC 6635 PHYSICAL PROPERTIES TESTING EQUIPMENT					\$1,446
FSC 6636 ENVIRONMENTAL CHAMBERS RELATED EQUIPMENT					\$
FSC 6650 OPTICAL INSTRUMENTS					\$1,135
FSC 6665 HAZARD DETECTING INSTRUMENTS AND APPARATUS					\$149
FSC 6670 SCALES AND BALANCES					\$39
FSC 6675 DRAFTING, SURVEYING AND MAPPING INSTRUMENTS				,	\$133
FSC 6680 LIQUID AND GAS FLOW, LIQUID LEVEL, AND MECHANICAL MOTION MEASURING INSTRUMENTS					\$106
FSC 6685 PRESSURE, TEMPERATURE, AND HUMIDITY, MEASURING AND CONTROLLING INSTRUMENTS	,				\$17
FSC 6695 COMBINATION AND MISCELLANEOUS INSTRUMENTS					\$3
FSC 7025 AUTOMATIC DATA PROCESSING INPUT/OUTPUT AND STORAGE DEVICES					6\$
NSL NON-STOCKLISTED					\$4,233
TOTALS:					\$100,277
P-1 ITEM NO: 66	PAGE NO: 7 - 27			- Pa	Page 4 of 4

FY 01 AMENDED BUDGET REQUEST

BP 13 - POST PRODUCTION SUPPORT

FEBRUARY 2000

Exhibit P-40, Budget Item Justification	ustification								Date: Feb	Date: February 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	/BA/BSA/Item	Control Number	7.					P-1 Line Item	P-1 Line Item Nomendature		
Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and A-10 Post Prod Support	Air Force	, Budget	Activity 0	7, Aircraf	t Suppor	t Equipm	ent and	A-10 Pos	st Prod Si	Ipport	-
Facilities, Item No. 67											
Program Element for Code B Items:	ems:	N/A			Other Relat	Other Related Program Elements:	lements:				
	ID Code	ID Code Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 1999 FY 2000 FY 2001 FY 2002 FY 2003 FY 2004 FY 2005 To Comp Total	Total
Proc Qty	Ą										
Total Proc Cost (\$ M)			10.957	8.102							19.059

Description

locations to ensure safety of flight and to maximize pilot proficiency and utilization of their A-10 weapon system. The A-10 UTD Visual System consists of the latest This activity funds required Unit Training Devices (UTDs) which will enable the Combat Air Forces to provide A-10 fighter pilots continuation training at squadron technology, commercial off-the shelf image generation system and display. This system will allow A-10 pilots to train visual landing approaches, target acquisition, AGM-65 launch, and threat avoidance.

FY 2001 Program Justification

P-1 Shopping List Item No. 67

Budget Item Justification Exhibit P-40, page 1 of 5

				UNCLASSIFIED						
Exhibit P-5, Weapon System Cost Analysis								Date: February 2000	uary 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	ol Number	.0 . 7: .: 1	13 A 7	1			P-1 Line Item Nomenclature	Jomendature	1	
Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 67	Jaget A	ctivity u	r, Aircraπ	noddne	ednibue		A-10 Post Prod Support	Prog su	nodd	
Manufacturer's Name/Plant City/State Location				Subline Item						
Lockheed Martin Technology Services, Mesa, AZ										
Weapon System	Ident				Total Cost	Total Cost In Millions of Dollars	of Dollars			
Cost Elements	Code		FY 1999			FY 2000			FY 2001	
		O _t	Unit Cost	Total Cost	Δίο	Unit Cost	Total Cost	Oty	Unit Cost	Total Cost
Avionics	A	;								
Armament	A									
Software	Α									
Other Government Furnished Equipment (GFE)	A									
Engineering Change Orders (ECO)	A									
Nonrecurring Costs	Α									
Other Costs	Α									
FLYAWAY COST SUBTOTAL	A									
Airframe Peculiar Ground Support Equipment	A									
Engine PGSE	¥									
Peculiar Training Equipment	A	4		10.957	3		7.908			
Publications/Technical Data	Ą									
ECOs	А									
Other	A						0.194			
SUPPORT COST SUBTOTAL	A			10.957			8.102			
TOTAL PROGRAM				10.957			8.102			
Comments										
										-
			P-1 Shoppin	P-1 Shopping List Item No. 67	lo. 67			Weapon	Weapon System Cost Analysis	st Analysis
									Exhibit P-5, page 2 of 5	page 2 of 5
			ICI ASSIF	LINCI ASSIFIED PAGE 7 - 30	7 - 30					

UNCLASSIFIED PAGE 7 - 30

Exhibit P-43 p.1. Simulator and Training Device Justification (\$ M)	and Training Dev	vice Justification	n (\$ M)			Ω	Date: February 2000	00
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget A	/BA/BSA/Item Contro Air Force, Bu	ol Number Idget Activity	7 07, Aircraft	er Activity 07, Aircraft Support Equipment and	ipment and	P-1 Line Item Nomendature A-10 Post Prod Su	P-1 Line Item Nomendature A-10 Post Prod Support	
Facilities, Item No. 67								
Weapon System A-10								
Equipment Nomenclature: Unit Training Device (UTD)	it Training Device	(UTD)						
Fin Plan	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	Total
Proc	10.957	8.102						19.059
TRAINING SYSTEM DESCRIPTION	LIPTION							
This activity funds required Unit Training Devices (UTDs) which will enable the Combat Air Forces to provide A-10 fighter pilots continuation training at squadron activity funds required Unit Training Devices (UTDs) which will enable the Combat A-10 weapon system. The A-10 LTD Visual System consists of the latest	it Training Devices	(UTDs) which wil	Il enable the Com	bat Air Forces to p	rovide A-10 fight system The A-1	er pilots continuati 0 UTD Visual Sys	ion training at squacter consists of the	dron
technology, commercial off-the-shelf image generation system and display. This system will allow A-10 pilots to train visual landing approaches, target acquisition,	-shelf image genera	ation system and di	isplay. This syster	m will allow A-10	pilots to train visa	ial landing approa	ches, target acquisit	tion,
			P-1 Shoppin	P-1 Shopping List Item No. 67		mulator and Tra	Simulator and Training Device Justification (\$ M)	stification (\$ M)
							Exhibit P-43	Exhibit P-43 p.1, page 3 of 5

			10017001317011				-	Date: Fc	Date: Fehruary 2000	
Exhibit P-43 p.2, Simulator and Training Device Justification (\$ m)	liator and I rail	uing Device J	ustification ((M) &				Date: 1 c	soldaly 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Numbe Aircraft Procurement, Air Force, Budget / Facilities, Item No. 67	ode/CC/BA/BSA/Ite nent, Air For . 67	em Control Num ce, Budgel	ber : Activity 0	7, Aircraft	Support Ec	ા Activity 07, Aircraft Support Equipment and		P-1 Line Item Nomendature A-10 Post Prod Support	Support	
Weapon System A-10										
Equipment Nomenclature: Unit Training Device (UTD)	re: Unit Trainin	ng Device (UTI	((
IOC Date										
TRAINING	SITE	DELIVERY	READY	AVG	FY 1999	666	FY 2000	000	FY 2001	2001
DEVICE BY TYPE		TIME	TRAINING	STUDENT THROUGH PUT	QTY	COST	QTY	COST	QTY	COST
	A-10 Units				4	10.957	3	8.102		
TOTAL					4	10.957	3	8.102		
				P-1 Shopping	P-1 Shopping List Item No. 67	. 67	Simulator	Simulator and Training Device Justification (\$ M) Exhibit P-43 p.2. page 4 of 5	Device Just hibit P-43 p.	ng Device Justification (\$ M) Exhibit P-43 p.2. page 4 of 5
					1000	66)

UNCLASSIFIED PAGE 7 - 32

Exhibit P-43 p.3, Simulator and Training Device Justification (\$ M)	and Training	Device Justi	fication (\$ M				_	Date: Feb	Date: February 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget A	BA/BSA/Item C Air Force,	Sontrol Number Budget Ac	tivity 07,	Aircraft Su	pport Equ	er Activity 07, Aircraft Support Equipment and	P-1 Line Iten A-10 Po	P-1 Line Item Nomendature A-10 Post Prod Support	upport	
Facilities, Item No. 67										
Weapon System A-10										
Equipment Nomenclature: Aircrew Trainers	crew Trainer	S								
Description:										
This page is not required - Does not exceed \$5M for Unit	not exceed \$5		Training Device (UTD).	JTD).						
FINANCIAL PLAN	FY 1		FY 2000	000 TOOST	FY 2001	2001 COST	To Complete	olete	Total Costs	Sosts
Hardware Costs		1000	117	1000	, ,	1600		1000	112	1200
	4	10.957	3	8.102						
Total Hardware Costs	4	10.957	3	8.102						
Support Costs							-			
Total Support Costs										
TOTAL COSTS	4	10.957	3	8.102						
			<u>_</u>	P-1 Shopping List Item No. 67	st Item No. 6		mulator and	Simulator and Training Device Justification (\$ M) Exhibit P-43 p.3, page 5 of 5	ng Device Justification (\$ M) Exhibit P-43 p.3, page 5 of 5	cation (\$ M) page 5 of 5
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Exhibit P-40, Budget Item Justification	ustification								Date: February 2000	uary 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	;/BA/BSA/Item	Control Number	<u>.</u>					P-1 Line Item Nomenclature	Nomenclature		
Aircraft Procurement, Air Force, Budget	Air Force	, Budget	Activity 0	Activity 07, Aircraft Support Equipment and B-2A Post Prod Support	t Suppor	t Equipme	ent and	B-2A Pos	t Prod Su	pport	
Facilities, Item No. 68											
Program Element for Code B Items:		11127F			Other Relate	Other Related Program Elements:	ements:		N/A		
	ID Code	ID Code Prior Years	FY 1999	FY 1999 FY 2000 FY 2001 FY 2002 FY 2003 FY 2004 FY 2005 To Comp Total	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Comp	Total
Proc Qty	A										
Total Proc Cost (\$ M)			243.442		18.603	65.876 18.603 12.559	3.311	7.402	7.593		358.786

Description

observables technology (radar, infrared, electromagnetic, and accoustic) to achieve vehicle signatures that allows penetration of current and postulated enemy air defenses. penetration speed commensurate with high probability of survival without unduly penalizing mission range. The management and acquisition strategy provides the user a The B-2 is an all-wing, two-crew aircraft with provisions for a third crew member and has twin weapons bays of over 20,000 pounds capacity each. It is powered by four F118-GE-100 turbofan engines. The low wing loading profile provides efficient cruise and good airfield performance. The B-2 bomber exploits breakthroughs in low enhanced by reduction of observable signatures and complementary defense management system. The B-2 employs a low altitude terrain following capibility and a The B-2 has the capability to perform worldwide conventional and nucleur delivery missions consistent with Air Combat Command requirements. Survivability is capability for the lowest possible cost.

'Y 2001 Program Justification

The FY 2001 program contains costs associated with technical orders, peculiar support equipment, long-term software support, program management administrative requirements, and non-recurring (including curtailment).

P-1 Shopping List Item No. 68

Budget Item Justification Exhibit P-40, page 1 of 6

				UNCLASSIFIED						
Exhibit P-5, Weapon System Cost Analysis								Date: February 2000	uary 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	rol Number						P-1 Line Item Nomenclature	lomendature	,	
Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities. Item No. 68	udget A	ctivity 07	7, Aircraft	Support	Equipme		B-2A Post Prod Support	: Prod Su	npport	
Manufacturer's Name/Plant City/State Location				Subline Item						
Northrop Grumman CForp., B-2 Division, Pico Rivera, Ca.	vera, Ca.									
Weapon System	Ident				Total Cos	Total Cost In Millions of Dollars	of Dollars			
Cost Elements	Code		FY 1999			FY 2000			FY 2001	
		δί	Unit Cost	Total Cost	ΔίΟ	Unit Cost	Total Cost	Otty	Unit Cost	Total Cost
Avionics	A									
Armament	A						5.000			2.000
Software	A									
Other Government Furnished Equipment (GFE)	A									
Engineering Change Orders (ECO)	А			0.000						
Nonrecurring Costs	А			13.600			18.700			4.900
Other Costs	A			36.100						
FLYAWAY COST SUBTOTAL	A			49.700			23.700			6.900
Airframe Peculiar Ground Support Equipment	¥			28.300			8.200			2.200
(PGSE)										
Engine PGSE	V			0.000			0.000			
Peculiar Training Equipment	A			17.700			4.000			
Publications/Technical Data	A			2.400			1.500			0.100
ECOs	A									
Other	Ą			8.042			5.676			0.500
SUPPORT COST SUBTOTAL	A			56.442			19.376			2.800
ICS	Y			45.600						
S/W INVESTMENT	A			77.600			13.300			5.300
PROG. MGMT. ADM. RQMTS	A			14.100			9.500			3.603
TOTAL PROGRAM				243.442			65.876			18.603
Comments										
			P-1 Shoppin	P-1 Shopping List Item No. 68	0. 68			Weapon	Weapon System Cost Analysis	st Analysis
					- 1				Exhibit P-5, page z of o	page z or o
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				ONCEASSIFIED			Date: Eshrigan, 2000	9
Exhibit P-43 p.1, Simulator and Training Device Justification (\$ m)	and Iraining De	WICE JUSTIFICATIO	(M ♦) U			ב	ate. rebidaly 200	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 68	2/BA/BSA/Item Contr Air Force, Bu	ol Number adget Activity	07, Aircraft	Support Equi	ipment and	P-1 Line Item Nomendature B-2A Post Prod St	P-1 Line Item Nomendature B-2A Post Prod Support	
Weapon System B-2A								
Equipment Nomenclature: Unit Training Device (UTD)	nit Training Device	e (UTD)						
Fin Plan	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	Total
Quantity	0	0	0	0	0	0		0
Procurement	17.700		0.000	0.000	0.000	0.000		21.700
RDT&E	0.000		0.000	0.000	0.000	0.000	0.000	0.000
O&S	12.800	10.000	10.600	10.800	11.000	11.200	11.400	77.800
TRAINING SYSTEM DESCRIPTION	RIPTION							
The Training System consists of training equipment hardware, software, and courseware, training missions and classroom academic materials. The maintenance training hegan in May 1993. Aircrew training began in Jan 1994. The maintenance trainers consist of the Computer Maintenance Training System, Weapons System Training Aid,	of training equipmer raining began in Jar	nt hardware, software, 1994. The mainte	are, and courseware	e, training mission sist of the Comput	is and classroom a	cademic materials raining System, W	s. The maintenance Veapons System Tra	training aining Aid,
and the Crew escape System Maintenance Trainer. The Cockpit Procedures Trainer, Weapon System Trainer, and the Mission Trainer are aircrew trainers and the Weapons	faintenance Trainer	. The Cockpit Proc	bedures Trainer, W	eapon System Tra	iner, and the Miss	ion Trainer are air	crew trainers and the	he Weapons
Loading Trainer is an armament loading trainer. The Training Support Center Support Center and the Training Liorary are support devices for the above listed trainers. FY99 and FY00 procurement funds are for Post-Block 30 correction of deficiencies, flight performance updates and concurency changes. Included is	it loading trainer. I prement funds are f	the Training Supported to Post-Block 30 c.	orr Center, System or orrection of deficie	support Center and incies, flight performance in the contract of the contract	o tne Training Lio rmance updates an	rary are support or od concurency cha	revices for the above inges. Included is	naica
Non-recurring effort for engineering changes, testing and hardware/software integration.	ering changes, testi	ing and hardware/s	oftware integration			,		
			P-1 Shopping	P-1 Shopping List Item No. 68		nulator and Tra	Simulator and Training Device Justification (\$ M) Exhibit P-43 p.1, page 3 of 6	ng Device Justification (\$ M) Exhibit P-43 p.1, page 3 of 6
				10:01:				

					ONCEASSIFIED					
Exhibit P-43 p.2, Simulator and Training Device Justification (\$ M)	lator and Trai	ning Device	Justification ((\$ M)				Date: F	Date: February 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	de/CC/BA/BSA/II	tem Control Nur	ber 4 Activity	Bononia V	1000	ac şa carajını		P-1 Line Item Nomenclature	ture Support	
Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 68	ient, Air Foi v. 68	rce, buage	t Activity o	ν, Aircraπ	a noddne	quipment ar		D-ZA FOST FIOU SUPPOIT	Hoddne	
Weapon System B-2A										
Equipment Nomenclature: Unit Training Device (UTD)	re: Unit Trainin	ng Device (UT)	(Q							
IOC Date	Initial RFT: Dec 93	ec 93		8				5		
TRAINING	SITE	DELIVERY	READY	AVG	FY	FY 1999	FY.	FY 2000	FY.	FY 2001
DEVICE BY TYPE		TIME	TRAINING	STUDENT THROUGH PUT	QTY	COST	QTY	COST	QTY	COST
Maintenance Concurrency Undates						13.000		0.000		
Air Vehicle Concurrency						4.700		4.000		
Updates										
TOTAL						17.700		4.000		
				P-1 Shopping	P-1 Shopping List Item No. 68	. 68	Simulator	Simulator and Training Device Justification (\$ M) Exhibit P-43 p.2. page 4 of 6	Device Just hibit P-43 p.	ng Device Justification (\$ M) Exhibit P-43 p.2. page 4 of 6
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Exhibit P-43 p.3, Simulator and Training Device Justification (\$ M)	and Training Device Just	ification (\$ M					Date: Feb	Date: February 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement. Air Force. Budget A	Air Force. Budget A	ctivity 07, #	Aircraft Sug	er Activity 07, Aircraft Support Equipment and	oment and	P-1 Line Iter B-2A Pc	P-1 Line Item Nomenclature B-2A Post Prod Support	e upport	
Facilities, Item No. 68									
Weapon System B-2A									
Equipment Nomenclature: Aircrew Trainers	rcrew Trainers								
Description:									
Contains funding for block updates to maintain concurrent	ates to maintain concurrency	cy with the air vehicle.	icle.						
FINANCIAL PLAN	FY 1999	FY 2000	000	FY 2001)1	To Complete	plete	Total Costs	osts
	QTY COST	QTY	COST	QTY	COST	QTY	COST	QTY	COST
Hardware Costs			-				-	-	
	4.700		4.000		0.000				8.700
Total Hardware Costs	4.700		4.000		0.000				8.700
Support Costs									
Total Support Costs									
TOTAL COSTS	4.700		4.000		0.000				8.700
		P-1	P-1 Shopping List Item No. 68	t Item No. 68	S	imulator and	Simulator and Training Device Justification (\$ M) Exhibit P-43 p.3. page 5 of 6	ng Device Justification (\$ M) Exhibit P-43 p.3. page 5 of 6	cation (\$ M)
								100	000000

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Exhibit P-43 p.4, Simulator and Training Device J	and Training		ustification (\$ M)					Date: Fet	Date: February 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget A	S/BA/BSA/Item (Control Number	tivity 07,	Aircraft Su	Ipport Equ	er Activity 07, Aircraft Support Equipment and		P-1 Line Item Nomenclature B-2A Post Prod Support	e Support	
Facilities, Item No. 68										
Weapon System B-2A										
Equipment Nomenclature: Maintenance	aintenance									
Description:										
Contains all necessary equipment for maintenance training equipment as well as future block updates to maintain concurrency with the air vehicle.	ant for mainten	ance training eq	uipment as we	il as future blo	ck updates to r	naintain concur	ency with the	air vehicle.		
FINANCIAL PLAN	FY	FY 1999	FY 2000	2000 COST	FY 2001	2001 COST	To Complete	nplete COST	Total Costs	COST
Hardware Costs	7.17	1500	717	1000	, , , , , , , , , , , , , , , , , , ,	1500	1	1200		
		13.000								13.000
Fotal Hardware Costs		13.000								13.000
Support Costs										
Total Support Costs										
TOTAL COSTS		13.000								13.000
			ፈ	P-1 Shopping List Item No. 68	ist Item No. 6		Simulator a	Simulator and Training Device Justification (\$ M) Exhibit P-43 p.4, page 6 of 6	ng Device Justification (\$ M) Exhibit P-43 p.4, page 6 of 6	cation (\$ M) page 6 of 6
			***************************************			1				

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	.,								Date: Feh	Date: February 2000	
Exhibit P-40, Budget Item Justification	USTITICATION								10.1.	and Frank	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement Air Force, Budget Activity 07. Aircraft Support Equipment and	/BA/BSA/Item Air Force	Control Numb	er Activity 0	7. Aircraf	# Support	Eguipme		P-1 Line Item N B-2A ICS	P-1 Line Item Nomenclature B-2A ICS	o)	
Facilities, Item No. 69					L	-					
Program Element for Code B Items:	ms:	N/A11			Other Related Program Elements:	l Program Ele	ements:		11127F		
0	ID Code	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	3	FY 2004	FY 2005	То Сошр	Total
Proc Qty	A										
Cost (\$ M)											
Interim Ctr Support (\$ M)				46.467	42.700	3.000	3.900				96.067
Advance Proc Cost (\$ M)											
Weapon System Cost (\$ M)				46.467	42.700	3.000	3.900				290.96
Initial Spares (\$ M)											
Total Proc Cost (\$ M)				46.467	42.700	3.000	3.900				290.96
Flyaway Unit Cost (\$ M)											
Wpn Sys Unit Cost (\$ M)											
Description Aeronautical Vehicle ICS provides Maintenance (Repair) Capability to meet Air Combat Command's (ACC) Operational requirements. The ICS program is a comprehensive repair capability until permanent depot capability is established. FY 2001 Program Justification Interim Contractor Support is required in FY01 to maintain the B-2 Aircraft fleet.	des Mainten un equired in F	ance (Repair) ment depot ca	Capability to pability is esting the B-2 Air	meet Air Cor ablished. craft fleet .	nbat Comman	d's (ACC) o _l	perational rec	puirements.	The ICS prog	ram is a	
											.,
				P-1 Shopp	P-1 Shopping List Item No. 69	No. 69			m <u></u>	udget Item . Exhibit P-40,	Budget Item Justification Exhibit P-40, page 1 of 2
				TOOK TON	DAG GEIFIER BACE	77 74					

Exhibit P-5, Weapon System Cost Analysis								Date: Febr	Date: February 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	trol Number	:					P-1 Line Item Nomendature	Jomendature		
Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 69	udget A	ctivity 0	7, Aircraft	: Support	Equipme		B-ZA ICS			
Manufacturer's Name/Plant City/State Location				Subline Item						
Weanon Gustern	Ident				Total Cos	Total Cost In Millions of Dollars	of Dollars			
Cost Elements	Code		FY 1999		- Tool	FY 2000	Camillo Car		FY 2001	
		Q.	Unit Cost	Total Cost	Qt	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Interim Contractor Support	A						46.467			42.700
TOTAL PROGRAM										
Comments										
B-2 ICS requirements for FY02 and beyond are being evaluated and will be revised as necessary in future budget cycles until full organic maintenance capability is achieved.	eing evalu	ated and will	be revised as	necessary in	future budge	et cycles until	full organic n	naintenance	capability is	
			P-1 Shoppir	P-1 Shopping List Item No. 69	Vo. 69			Weapon	System Co	Weapon System Cost Analysis
									Exhibit P-5,	Exhibit P-5, page 2 of 2
		411	THIS ACCIDIES BACE 7	ICAG GEL	CV 42					

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Exhibit P-40, Budget Item Justification	ustificatior	1							Date: Fet	Date: February 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	/BA/BSA/Item	Control Numb	er					P-1 Line Item	P-1 Line Item Nomenclature	0	
Aircraft Procurement, Air Force, Budget A	Air Force	e, Budget	Activity (7, Aircra	ft Suppo	ctivity 07, Aircraft Support Equipment and C-5 Post Prod Support	ent and	C-5 Post	Prod Su	pport	
Facilities, Item No. 70					,	•				•	
Program Element for Code B Items:	:sms	N/A			Other Relat	Other Related Program Elements:	lements:				
	ID Code	ID Code Prior Years FY 1999 FY 2000 FY 2001 FY 2002 FY 2003 FY 2004 FY 2005 To Comp Total	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Comp	Total
Proc Qty	A		1								1
Total Proc Cost (\$ M)			27.715								27.715

Description

subsystems on the training devices to allow FAA Level C equivalent training. The C-5 will replace the current visual system with a current state-of-the-art, commercial off These funds buy on C-5 simulator for the Air National Guard. It is part of the AMC replacement program that will reduce aircraft training flights by replacing existing the shelf system. Funding supports the procurement of one (1) C-5 simulator for the Air National Guard.

FY 2001 Program Justification

N/A

P-1 Shopping List Item No. 70

Budget Item Justification Exhibit P-40, page 1 of 3

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xhibit P-5, Weapon System Cost Analysis	is							Date: Febi	Date: February 2000	
ppropriation (Treasury) Code/CC/BA/BSA/Item Control Number	ntrol Number						P-1 Line Item Nomenclature	Nomenclature		
Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and	3udget A	ctivity 07	7, Aircraft	Support I	Equipme		C-5 Post Prod Support	Prod Sug	port	
acilities, Item No. 70										
Manufacturer's Name/Plant City/State Location				Subline Item						
Weapon System	Ident				Total Cos	Total Cost In Millions of Dollars	of Dollars			
Cost Elements	Code		FY 1999			FY 2000			FY 2001	
		ΔίΟ	Unit Cost	Total Cost	ΔίΟ	Unit Cost	Total Cost	ΔţΟ	Unit Cost	Total Cost
Peculiar Training Equipment	A			27.715				,		
Publications/Technical Data	A									
3COs	A									
Other	A									
SUPPORT COST SUBTOTAL	A			27.715						
TOTAL PROGRAM				27.715						
Comments										
	į									
			P-1 Shoppin	P-1 Shopping List Item No. 70	lo. 70			Weapor	Weapon System Cost Analysis Exhibit P-5, page 2 of 3	st Analysis page 2 of 3

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Exhibit P-43 p.1. Simulator and Training Device Justification (\$ M)	and Training De	evice Justification	on (\$ M)				Date: February 2000	000
oppropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget A	/BA/BSA/Item Cont	Irol Number udget Activit	y 07, Aircraft	er Activity 07, Aircraft Support Equipment and	ipment and	P-1 Line Item Nomenclature C-5 Post Prod Sup	P-1 Line Item Nomenclature C-5 Post Prod Support	
acilities, Item No. 70				•				
Weapon System C-5								
Squipment Nomenclature: Unit Training Device (UTD)	it Training Devic	ce (UTD)						
Fin Plan	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	Total
Quantity	1							27.77
rocurement								C11:17
FRAINING SYSTEM DESCRIPTION This activity funds required Unit Training Devices (UTDs)	RIPTION it Training Device	s (UTDs) which w	rill enable the Mob	ility Air Forces to	provide C-5 airlift	pilots continuatio	which will enable the Mobility Air Forces to provide C-5 airlift pilots continuation training at squadron	ron
ocations to ensure safety of flight and to maximize pilot proficiency and utilization of their C-5 aircraft. The C-5 U.L.D. Visual System consists of the latest echnology, commercial off-the-shelf image generation system and display. This system will allow C-5 pilots to train visual takeoff and landing approaches and threat avoidance.	ght and to maximiz generation system	ze pilot proticiency n and display. This	y and utilization of s system will allow	t their C-5 aircraft. v C-5 pilots to train	Ine C-5 UID VIS	tual System consit l'Ianding approach	sts of the latest tech hes and threat avoid	motogy, dance.
			P-1 Shoppin	P-1 Shopping List Item No. 70		mulator and Tra	Simulator and Training Device Justification (\$ M)	stification (\$ M
		-		8			Exhibit P-43	Exhibit P-43 p.1, page 3 of 3

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Exhibit P-40. Budget Item Justification	ustification	_							Date: February 2000	uary 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	/BA/BSA/Iten	1 Control Numb)er					P-1 Line Item	P-1 Line Item Nomenclature		
Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and	Air Forc	e, Budget	Activity (07, Aircra	ft Support	Equipm		C-130 Pc	C-130 Post Prod Support	upport	
Facilities, Item No. 71											
Program Element for Code B Items:	ems:	N/A			late	d Program El			PE: 0401115F	F	
	ID Code	Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Comp	Total
Proc Qty	A										
Total Proc Cost (\$ M)					1.365	1.361	1.362	1.367	1.369		6.824
Description C-130H is for the immediate and responsive air movement and delivery of combat troops and supplies directly in objective areas through airlanding, extraction, airdrop or other delivery techniques. Provides air logistic support for all theater forces, including those engaged in combat operations, to meet specific theater objectives and requirements.	id responsive ides air logik	s air movemen stic support fo	nt and delivery rr all theater fo	7 of combat tr orces, includii	oops and supp ng those engag	lies directly i	in objective a t operations, 1	eas through o meet speci	airlanding, ex ific theater obj	traction, aird jectives and	drop or
EV 2001 Program Justification Provides interim contract support for 121 AN/APN-241 radar sets installed on C-130H and HC-130P aircraft. Interim contract support required until long term support strategy is determined with Avionics Modernization Program via SORAP.	nt for 121 A onics Moder	N/APN-241 r: nization Progi	adar sets insta ram via SOR.	illed on C-13(AP.)H and HC-13	0P aircraft.]	Interim contra	ct support re	equired until k	ong term sup	port
				P-1 Shopp	P-1 Shopping List Item No. 71	No. 71			Ē	udget Item	Budget Item Justification
									"	xhibit P-40	Exhibit P-40, page 1 of 2
				ICC A ICIA	TOAC CTITION TOWN	27 Z 3					

Exhibit P-5 Weanon System Cost Analysis								Date: February 2000	uary 2000	
	14 le						D-1 I in them Nomenclature	lomonolatiro		
Appropriation (Treasury) Code/CybrybsAnten Control Number Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities. Item No. 71	udget A	ctivity 07	', Aircraff	Support	Equipme		C-130 Post Prod Support	st Prod S	upport	
Manufacturer's Name/Plant City/State Location				Subline Item						
									ų.	
Weapon System	Ident				Total Co	Total Cost In Millions of Dollars	of Dollars			
Cost Elements	Code		FY 1999			FY 2000			FY 2001	
		Ą.	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Avionics	A									
Armament	A									
Software	A									
Other Government Furnished Equipment (GFE)	Α									
Engineering Change Orders (ECO)	A									
Nonrecurring Costs	Α									
Other Costs	A									
FLYAWAY COST SUBTOTAL	A									
Airframe Peculiar Ground Support Equipment (PGSE)	Y									
Engine PGSE	A									
Peculiar Training Equipment	A									
Publications/Technical Data	A									
ECOs	A									
Other	A									
ICS	A									1.365
SUPPORT COST SUBTOTAL	A									1.365
TOTAL PROGRAM										
Comments										
			P-1 Shoppir	P-1 Shooping List Item No. 71	No. 71			Weapon	Weapon System Cost Analysis	st Analysis
				, ,				_	Exhibit P-5, page 2 of 2	page 2 of 2
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Exhibit P-40, Budget Item Justification	stification								Date: February 2000	uary 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	BA/BSA/Item	Control Numb	er					P-1 Line Item	P-1 Line Item Nomenclature		
Aircraft Procurement, Air Force, Budget	Air Force	, Budget	Activity (07, Aircra	Activity 07, Aircraft Support Equipment and E-4 Post Prod Support	Equipm	ent and	E-4 Post	Prod Sup	port	
Facilities, Item No. 72											
Program Element for Code B Items:	ms:	N/A			Other Related Program Elements:	d Program El	ements:		N/A		
	ID Code	Prior Years	FY 1999	FY 1999 FY 2000	FY 2001 FY 2002 FY 2003 FY 2004 FY 2005	FY 2002	FY 2003	FY 2004	FY 2005	To Comp Total	Total
Proc Qty	A										
Fotal Proc Cost (\$ M)					1.463						1.463
Description The training devices will emulate the cockpit with the new flight safety m personnel to maintain skills during periods of limited aircraft availability.	e the cockpi	t with the new f limited aircr	flight safety aft availabili	· modification ty.	flight safety modifications incorparated. These training devices will allow flight crew and maintenance aft availability.	. These trair	ing devices v	vill allow flig	ht crew and n	naintenance	

FY 2001 Program Justification

Training on the E-4B aircraft is restricted by small fleet size (4 ea) mission requirements and mandatory aircraft maintenance. Training devices are required to augment flight and maintenance training.

P-1 Shopping List Item No. 72

Exhibit P-40, page 1 of 6 **Budget Item Justification**

									2000	
Exhibit P-5, Weapon System Cost Analysis								Date: February Zuou	uary zuuu	
Appropriation (Treasury) Code/CC/BA/BSA/Item Confrol Number	rol Number						P-1 Line Item Nomenclature	Vomenclature		
Aircraft Procurement, Air Force, Budget	udget A	ctivity 0	7, Aircrafi	Activity 07, Aircraft Support Equipment and	Equipme		E-4 Post Prod Support	Prod Sup	port	
Facilities, Item No. 72										
Manufacturer's Name/Plant City/State Location				Subline Item						
	135.04				Total Con	Total Cout In Millions of Dollors	of Dollors			
weapon System	Ident				10tal COS	St III IVIIIIOIIIS	or Dollars		.000	
Cost Elements	Code		FY 1999			FY 2000			FY 2001	
		ΔίΟ	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Oty	Unit Cost	Total Cost
Peculiar Training Equipment	A							1		1.463
Other	¥									
SUPPORT COST SUBTOTAL	Ą									1.463
TOTAL PROGRAM										1.463
Comments										
			P-1 Shoppii	P-1 Shopping List Item No. 72	No. 72			Weapon	Weapon System Cost Analysis Exhibit P.5 page 2 of 6	st Analysis
										2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -

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Exhibit P-5A, Procurement History and Planning	listor	y and Pla	nning					֖֟֟֝֟֟֟֝֟֝֟֟֟ ֓	Date: February 2000	ry 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Numbe	BA/BS/	VItem Cont	rol Number	:				P-1 Line Item Nomenclature	nenclature		
Aircraft Procurement, Air Force, Budget Facilities, Item No. 72	Air F	orce, B		ivity 07,	Aircraft S	Support Ea	Activity 07, Aircraft Support Equipment and	E-4 Post Prod Support	od Suppo	זו	
Weapon System					Subline Item	_					
E-4B											
		Locat	Location of	RFP Issue Contract	Contract	Contract	Control of the southern	Award	Date of First	Specs Available Now?	Specs Date Available Revisions Now?
WDS COSt Elements Aircrew Training Device	1	1.463	1.463 Offutt AFB,	Ş	MIPR	PO	Luke AFB, AZ		Oct-01	No	Aug-00
Remarks											
Training simulator will be built by Det 1, 1ACC TRSS, Luke AFB, AZ on a project work oder.	by Det	1, 1ACC 1	TRSS, Luke Al	B, AZ on a	project work	ς oder.					
				<u> </u>	1 Shopping	P-1 Shopping List Item No. 72	72	Pro	Procurement History and Planning Exhibit P-5A, page 3 of 6	ent History and Planning Exhibit P-5A, page 3 of 6	d Planning
							7.0				

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Exhibit P-43 p.1. Simulator and Training Device Justification (\$ M)	and Training De	evice Justification					Date: February 2000	000
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	/BA/BSA/Item Cont	rol Number				P-1 Line Item Nomenclature	menclature	
Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 72	Air Force, B	udget Activit	y 07, Aircraft	Support Equi	ipment and	E-4 Post Pi	E-4 Post Prod Support	
Weapon System E-4B				-				
Equipment Nomenclature: Un	nit Training Devic	e (UTD)						
Fin Plan FY 1999 FY	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	Total
Proc			1.463					1.463
TRAINING SYSTEM DESCRIPTION	RIPTION							
Training on the E-4B aircraft (4 ea) is restricted by mission requirements and mandatory aircraft maintenance. Training devices are required to augment flight and maintenance training These training devices will allow flight crew and maintenance personnel to maintain skills during periods of milited aircraft availablity.	4 ea) is restricted t	y mission require	ments and mandato	ry aircraft mainten	ance. Training d	evices are require	d to augment flight a ircraft availablity.	and
			P-1 Shopping	P-1 Shopping List Item No. 72		mulator and Tra	Simulator and Training Device Justification (\$ M)	stification (\$ M)
							Exhibit P-43	Exhibit P-43 p.1, page 4 of 6

Evhibit D 43 n 2 Cimi	Evelish B 42 n 9 Cimilator and Training Davice Instiffication /C M) ucification (Date:	Date: Fehruary 2000	
באוווטוג דיים איבי, טווווע	nator and training bevic	- dustilication	(m *)					non- dipping	
Appropriation (Treasury) Code/CC Aircraft Procurement, Facilities, Item No. 72	Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 72	_{umber} yet Activity 0	7, Aircraft (Support E	quipment a		P-1 Line Item Nomendature E-4 Post Prod Support	support	
Weapon System E-4B									
Equipment Nomenclatur	Equipment Nomenclature: Unit Training Device (UTD)	TTD)							
IOC Date									
TRAINING	SITE DELIVERY		AVG	FY 1999	6661	FY	FY 2000	FY 2001	2001
DEVICE BY TYPE	TIME	TRAINING	STUDENT THROUGH PUT	QTY	COST	QTY	COST	QTY	COST
AIRCREW	Offutt AFB, Sep-01 NE	Oct-01	09					1	1.463
TOTAL								1	1.463
			P-1 Shopping	P-1 Shopping List Item No. 72	. 72	Simulator	and Training E	Device Just khibit P-43 p.	Simulator and Training Device Justification (\$ M) Exhibit P-43 p.2, page 5 of 6
				1000 1000 I	5				

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-xhihit P-43 n.3. Simulator and Training Device Justification (\$ M)	and Training	Device Just	fication (\$ A	F			_	Date: Fet	Date: February 2000	
Apropriation (Treasury) Code/CC/BA/BSA/Item Control Number	Air Force.	Control Number Budget A	tivity 07.	Aircraft Su	upport Equ	er Activity 07. Aircraft Support Equipment and	P-1 Line Ite E-4 Po :	P-1 Line Item Nomenclature E-4 Post Prod Support	e pport	
acilities, Item No. 72						•				
Weapon System E-4B										
Equipment Nomenclature: Aircrew Trainers	ircrew Traine	S								
Description:										
FINANCIAL PLAN	FY	FY 1999 COST	FY	FY 2000 COST	FY 2001 QTY	COST	To Complete QTY CC	nplete COST	Total Costs QTY C	osts
Hardware Costs										
					-	0.975			1	0.975
Fotal Hardware Costs						0.975			1	0.975
Support Costs						0010				00 700
						0.488				0.488
Total Support Costs						0.488				0.488
						-				
TOTAL COSTS					1	1.463			1	1.463
			ď	1 Shopping L	P-1 Shopping List Item No. 72		imulator ar	Simulator and Training Device Justification (\$ M)	evice Justifi	cation (\$ M)
								EVI	Eximple 145 p.5, page 0 of 0	page o or o

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Exhibit P-40, Budget Item Justification	ustification								Date: February 2000	uary 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	/BA/BSA/Item	Control Number	<u>,</u>					P-1 Line Item	P-1 Line Item Nomenclature		
Aircraft Procurement, Air Force, Budget	Air Force	, Budget	Activity 0	7, Aircraf	t Support	t Equipme	ent and	F-15 Pos	Activity 07, Aircraft Support Equipment and F-15 Post Prod Support	pport	
Facilities, Item No. 73											
Program Element for Code B Items:	ems:	27134			Other Relate	Other Related Program Elements:	ements:				
	ID Code	ID Code Prior Years		FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 1999 FY 2000 FY 2001 FY 2002 FY 2003 FY 2004 FY 2005 To Comp Total	To Comp	Total
Proc Qty	A										
Total Proc Cost (\$ M)		20.714	6.871	7.184	7.267	7.349	7.561	7.787	7.959		72.692

Description

F-15 POST PRODUCTION/PLANT SHUTDOWN - The F-15 is the air superiority fighter with multi-role air-to-air and air-to-ground capabilities, day or night, all weather weapon system for continental air defense.

FY 2001 Program Justification

support equipment assets from the time equipment is fielded until the assets are organically supportable. Grounding of aircraft will result without this repair support. Plant Funding is required for Post Production Support and plant shutdown. Post Production Support is required to provide repair support for critical air vehicle and ground shutdown is required to dispose of F-15 tooling used during production of F-15 aircraft. The USAF is responsible for proper disposal of production assets at the contractor's facility.

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Budget Item Justification Exhibit P-40, page 1 of 2

								Date: Eabruan, 2000	0000 /461	
Exhibit P-5, Weapon System Cost Analysis								חמופי ו כחו	dal y 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement. Air Force. Budget A	rol Number udaet A a	ctivity 07	. Aircraft	r Activity 07. Aircraft Support Equipment and	quipme		P-1 Line Item Nomenclature F-15 Post Prod Support	omendature Prod Su	pport	
Facilities, Item No. 73		•		-					•	
Manufacturer's Name/Plant City/State Location				Subline Item						
Weapon System	Ident				Total Cos	Total Cost In Millions of Dollars	of Dollars			
Cost Elements	Code		FY 1999			FY 2000			FY 2001	
) Oto	Unit Cost	Total Cost	ά	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Airframe Peculiar Ground Support Equipment (PGSE)	¥	,		0.000			0.000			2.700
Engine PGSE	A			0.000			999.0			0.737
SUPPORT COST SUBTOTAL	А			0.000			999'0			3.437
										,
ICS	H A			2.567			1.000			1.000
Support Contracts	A			4.304			2.818			2.830
Plant Shutdown	A			0.000			2.700			0.000
										1701
TOTAL PROGRAM				6.871			7.184			7.267
Comments										
			P-1 Shoppin	P-1 Shopping List Item No. 73	0. 73			Weapon	Weapon System Cost Analysis Exhibit P-5 page 2 of 2	st Analysis
				INC. ASSISTED DAGE 7	7 66					

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Exhibit P-40, Budget Item Justification	ustification								Date: February 2000	uary 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	/BA/BSA/Item	Control Number	er					P-1 Line Item Nomenclature	Nomenclature		
Aircraft Procurement, Air Force, Budget	Air Force	, Budget	Activity 0	7, Aircraf	ft Suppor	t Equipm	Activity 07, Aircraft Support Equipment and F-16 Post Prod Support	F-16 Post	Prod Su	pport	
Facilities, Item No. 74											
Program Element for Code B Items:	:ms:	N/A			Other Relate	Other Related Program Elements:	ements:		F-16 Post Pro	F-16 Post Production Support	ort
	ID Code	ID Code Prior Years		FY 2000	FY 2001	FY 2002	FY 1999 FY 2000 FY 2001 FY 2002 FY 2003 FY 2004 FY 2005 To Comp Total	FY 2004	FY 2005	To Comp	Total
Proc Qty	A	0								0	0
Total Proc Cost (\$ M)			36.634	36.634 43.932 25.464	25.464		15.500 15.705 13.861 14.340	13.861	14.340		165.436

Description

incorporated advanced technology features to enhance its capability while maximizing its acquisition, operating, and support costs. The advanced technology features include a high visibility, high 'g' cockpit. The F-16 armament consists of a 20mm cannon, air-to-surface and air-to-air missiles, and approximately 11,000 pounds of The F-16 Multimission Fighter is a single seat, fixed wing, high performance, single engine fighter aircraft. The design, optimized for the 0.8 Mach speed range, conventional and guided air-to-surface ordinance. The F-16 replaced the F-4s in the active inventory as well as modernized the reserve forces.

FY 2001 Program Justification

Items listed on the P-5 are represenative of items to be procured. Items procured during execution may change based on the most urgent needs to support the warfighter.

P-1 Shopping List Item No. 74

Budget Item Justification Exhibit P-40, page 1 of 5

			ONCE	UNCLASSIFIED						
Exhibit P-5, Weapon System Cost Analysis								Date: February 2000	uary 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Numbe	rol Number				,		P-1 Line Item Nomenclature	omenclature	,	
Aircraft Procurement, Air Force, Budget	-	ctivity 07	', Aircraft	Activity 07, Aircraft Support Equipment and	:quipme		F-16 Post Prod Support	Prod Sul	pport	
Manufacturer's Name/Plant City/State Location				Subline Item						
Lockheed-Martin Tactical Aircraft Systems/Ft. Worth, TX	orth, TX									
Weapon System	Ident				Total Cost	Total Cost In Millions of Dollars	of Dollars			
Cost Elements	Code		FY 1999			FY 2000			FY 2001	
				Total			Total			Total
		Q£	Unit Cost	Cost	Q _t	Unit Cost	Cost	Oty	Unit Cost	Cost
Avionics	Ą	0		0.000	0			0		0.000
Armament	A	0	-	0.000	0		0.000	0		0.000
Software	A	0		0.000	0		0.000	0		0.000
Engineering Change Orders (ECO)	A	0		0.000	0		0.000	0		0.000
FLYAWAY COST SUBTOTAL	А			0.000			0.000			0.000
Airframe Peculiar Ground Support Equipment (PGSE)	A	0		0.000	0		0.000	0		0.000
Engine PGSE	A	0		000'0	0		0.000	0		0.000
Avionics PGSE	A	0		14.924	0		31.075	0		13.299
Peculiar Training Equipment	A	0		6.368	0		0.875	0		0.974
Publications/Technical Data	Ą	0		5.373	0		0000	0		0.000
ECOs	A	0		0.044	0		0.041	0		0.000
Other	A	0		1.584	0		4.006	0		4.748
Distributed Mission Trainer/Exercises	A	0		000'0	0		698.0	0		2.287
ICS	Y	0		3.225	0		1.600	0		2.400
ICSE	A	0		5.116	0		5.466	0		1.756
SUPPORT COST SUBTOTAL	Α			36.634			43.932			25.464
TOTAL PROGRAM				36.634			43.932			25.464
Comments FY00 has a Congressional Plus-up of \$15M for IAIS.	AIS.									
FY00-FY05 has Distributed Mission Trainer/Exercises added under PE 27697. This is for AF concept demonstration, not F-16 specific. Starting in FY00 the Publications/Technical Data is funded by 3400.	rcises adde	d under PE 2 by 3400.	7697. This is	for AF conce	pt demonstr	ation, not F-1	6 specific.			
			P-1 Shoppin	P-1 Shopping List Item No. 74	o. 74			Weapon	Weapon System Cost Analysis Exhibit P-5, page 2 of 5	st Analysis page 2 of 5
					1					

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							Date: Eahmany 2000	
Exhibit P-43 p.1, Simulator and Training Device Justification (\$ M)	and Training De	vice Justificatio	(₩ ♠) U			2	ate. I col daily 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 74	//BA/BSA/Item Contr Air Force, Bu	ol Number Idget Activity	, 07, Aircraft \$	Support Equi	pment and	P-1 Line Item Nomendature F-16 Post Prod Support	enclature rod Support	
Weanon System F-16								
Fountment Nomenclature: Unit Training Device (UTD)	nit Training Devic	e (UTD)						
Fin Plan	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	Total
RDT&E	6.368	0.875	0.974	0.950	1.100	1.125	1.150	12.542
TRAINING SYSTEM DESCRIPTION	RIPTION							
The Unit Training Device (UTD) is a low-cost, unit level trainer, designed for initial and continuation training in the areas of emergency procedures, LANTIRN, flight	D) is a low-cost, un	it level trainer, des	igned for initial and	l continuation trair	ning in the areas o	of emergency proce	dures, LANTIRN, fli	ight
The Weapons Tactics Trainer (WTT) is included in the UTD numbers.	WTT) is included i	in the UTD number	S.					
			P-1 Shopping	P-1 Shopping List Item No. 74		mulator and Tra	Simulator and Training Device Justification (\$ M)	fication (\$ M)
							Exhibit P-43 p.1, page 3 of 5	1, page 3 of 5
			LINCI ASSIEIED DAGE 7	ED DAGE 7.	- 59			

Exhibit P-43 p.2. Simulator and Training Device Justification (\$ M)	ator and Trai	ning Device	ustification					Date: F	Date: February 2000	
Annomination (Transmy) Code/CC/BA/BSA/Item Control Number	de/CC/BA/BSA/II	em Control Nim	hor				P-1 in	P-1 I ine Item Nomenclature	irre	
Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and Facilities, Item No. 74	ent, Air For	rce, Budge	t Activity 0	7, Aircraft	Support E	quipment a		F-16 Post Prod Support	Support	
Weapon System F-16										
Equipment Nomenclature: Unit Training Device (UTD)	re: Unit Traini	ng Device (UT)	(0							
IOC Date										
TRAINING	SITE	DELIVERY	READY	AVG	FY 1999	6661	FY.	FY 2000	FY	FY 2001
DEVICE BY TYPE		TIME	TRAINING DATE	STUDENT THROUGH PITT	QTY	COST	QTY	COST	QTY	COST
MAINTENANCE				101		0000		0.000		0.000
AIRCREW					3	6.368		0.875		0.974
TOTAL					3	6.368		0.875		0.974
					-					
				P-1 Shopping	P-1 Shopping List Item No. 74	. 74	Simulator	and Training	Device Just	Simulator and Training Device Justification (\$ M)
								Ä	hibit P-43 p.	Exhibit P-43 p.2, page 4 of 5
					- mo ve 4min.oo v .o.a.					

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				ONCEASON IEE	שוווני					
Exhibit P-43 p.3, Simulator and Training Device Justification (\$ M)	and Training I	Jevice Justi	fication (\$ M	(1				Date: Fe	Date: February 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Aircraft Procurement, Air Force, Budget Activity 07, Aircraft Support Equipment and	/BA/BSA/Item Co Air Force, I	ntrol Number 3udget A c	tivity 07, ,	Aircraft Su	pport Equip	pment and	P-1 Line Iter F-16 Po	P-1 Line Item Nomenclature F-16 Post Prod Support	e upport	
Facilities, Item No. 14										
Weapon System F-16										
Equipment Nomenclature: Aircrew Trainers	rcrew Trainers									
Description:										
The Unit Training Device (UTD) is a low-cost, unit level trainer, designed for initial and continuation training in the areas of emergency procedures, LANTIRN, flight	is a low-cost,	unit level trair	ier, designed f	or initial and co	ontinuation train	ing in the areas c	of emergency	r procedures, l	LANTIRN, flig	jht
Institution training, an -to-an and an -to-ground weapon systems of the response from the response fro	FY 1999	weapon system	FY 2000	000	FY 2001	01	To Complete	plete	Total Costs	Costs
FINANCIAL PLAN	QTY	COST	QTY	COST	QTY	COST	QTY	COST	QTY	COST
Hardware Costs										
	3	2.070		0.000		0.000	TBD	TBD	TBD	TBD
Total Hardware Costs	3	2.070		0.000		0.000	0	0.000	0	0.000
Support Costs						•				
Software Costs		2.798		0.875		0.974	TBD	TBD	TBD	TBD
		1.500		0.000		0.000	TBD	TBD	TBD	TBD
Total Support Costs		4.298		0.875		0.974	0	0.000	0	0.000
									4	1
							TBD	TBD	TBD	TBD
TOTAL COSTS	3	6.368		0.875		0.974	0	0.000	0	0.000
			d	1 Shopping Li	P-1 Shopping List Item No. 74	io.	mulator an	d Training D Exh	Simulator and Training Device Justification (\$ M) Exhibit P-43 p.3, page 5 of 5	cation (\$ M) page 5 of 5
					1 1 4 4					2

FY 01 AMENDED BUDGET REQUEST

BP 14 - INDUSTRIAL PREPAREDNESS

FEBRUARY 2000

Exhibit P-40, Budget Item Justification	Justification								Date: February 2000	uary 2000	
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number	C/BA/BSA/Item	Control Numbe	, a					P-1 Line Item	P-1 Line Item Nomendature		
Aircraft Procurement, Air Force, Budget	, Air Force		Activity 0	7, Aircraf	t Support	t Equipme	ent and	Industria	Activity 07, Aircraft Support Equipment and Industrial Preparedness	dness	<u> </u>
Facilities, Item No. 75											
Program Element for Code B Items:	tems:	N/A			Other Related Program Elements:	d Program El	ements:		N/A		
	ID Code	ID Code Prior Years	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 1999 FY 2000 FY 2001 FY 2002 FY 2003 FY 2004 FY 2005 To Comp Total	To Comp	Total
Proc Qty	A										
Total Proc Cost (\$ M)			18.471	24.292	25.352	25.542		25.878 26.654 27.245	27.245		173.434

Description

- Production Act, and industrial base (IB) activities. IB activities characterize the critical sectors and industries within the IB and provide information on capability issues for . Air Force Industrial Preparedness combines resources of several appropriations to create a comprehensive program. The goal is to ensure the defense industry can supply reliable, affordable systems to operational commanders. Key program elements include management of government-owned industrial plants, the Defense consideration during budget allocation, weapon acquisition, and logistics support decisions.
- 2. Two basic activities are funded in this appropriation: Industrial Facilities and Industrial Planning:

Industrial Facility cost elements MPCs 3000, 4000, and 7000: Provide for repair and expansion, major rehabilitation, environmental compliance, equipment movement and energy conservation at Air Force-owned, contractor-operated industrial facilities. These plants are the backbone of DoD weapon system assembly and maintenance for the B-2, F-15, F-16, C-130, C-5B, F-117, and F-22.

Industrial Planning cost element MPC 6000: Provides for identification, analysis, and limited pilots and/or pathfinders for problems, constraints, and essential and endangered capabilities in the IB sectors (aircraft). Collection and maintenance of industrial data supports affordable acquisition and sustainability requirements.

FY 2001 Program Justification

N/A, program is ongoing.

P-1 Shopping List Item No. 75

Budget Item Justification Exhibit P-40, page 1 of 2

								Date: February 2000	11ary 2000	
Exhibit P-5, Weapon System Cost Analysis										
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Airgraff Procurement. Air Force. Budget A	ol Number Idaet Acti	vitv 07	. Aircraft	Activity 07. Aircraft Support Equipment and	Equipme		P-1 Line Item Nomendature Industrial Preparedness	omendature Prepare (dness	
Facilities, Item No. 75		•		•	•					
Manufacturer's Name/Plant City/State Location				Subline Item						
Weapon System	Ident				Total Cos	Total Cost In Millions of Dollars	of Dollars			
Cost Elements	Code		FY 1999			FY 2000			FY 2001	
		ČĮ.	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
Avionics	Ą									
Armament	A									
Software	Ą									
Other Government Furnished Equipment (GFE)	A				i					
Engineering Change Orders (ECO)	A									
Nonrecurring Costs	А									
Other Costs	А									
FLYAWAY COST SUBTOTAL	A									
Airframe Peculiar Ground Support Equipment	A									
(PGSE)										
Engine PGSE	А									
Peculiar Training Equipment	A									
Publications/Technical Data	A									
ECOs	A									
Other	A									
SUPPORT COST SUBTOTAL	A									
Capital Type Rehabilitation (MPC 3000)	A			5.610			7.796			7.753
Replacement & Modernization (MPC 4000)	A			0.463			0.446			0.000
Industrial Base Assessment (MPC 6000)	A			2.951			3.643			4.540
Environmental Compliance (MPC 7000)	A			9.448			12.407			13.059
TOTAL PROGRAM				18.472			24.292			25.352
Comments										
			⊃-1 Shoppin	P-1 Shopping List Item No. 75	lo. 75			Weapon	Weapon System Cost Analysis	st Analysis
									באוווסור ב	7 10 4 26 84
		Ž	出げばるこ	LINCI ASSIFIED PAGE 7 - 64	7 - 64					

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FY 01 AMENDED BUDGET REQUEST

BP 17 – WAR CONSUMABLES

FEBRUARY 2000

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BUDGET ITEM JUSTIFICATION (EXHIBIT	IFICATION (I	EXHIBIT P-40)				DATE:	DATE: FEBRUARY 2000	000
APPROP CODE/BA:				P-1 NOM	P-1 NOMENCLATURE:			
APAF/WAR CONSUMABLES	ES			ITEMS LES	ITEMS LESS THAN \$5,000,000	000		
		FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY								
COST (in Thousands)		\$74,563	\$112,272	\$43,015	\$58,582	\$97,751	\$114,995	\$117,542

Description:

- Tanks, Racks, Adapters, Pylons (TRAP), Missile Rail Launchers, Radio Frequency (RF) (expendable) Towed Decoys, and Fiber Optic Towed 1. This program provides funding for the procurement of initial/replacement War Consumables, and includes commodities such as aircraft Decoys (FOTD). These items support War Reserve Materiel (WRM) requirements and fleet inventory objectives across multiple weapon
- 2. Funding for the Advanced Airborne Expendable Decoy (AAED) in FY99 includes \$40 million provided by Congress in the FY99 Appropriation Conference Report 106-143, Emergency Supplemental Appropriations Bill, dated May 14, 1999.
- 3. Funding for the AAED in FY00 was added through the FY99 Emergency Supplemental Appropriations and transferred to the Air Force from the Overseas Contingency Operations Transfer Fund.
- 4. Items to be procured with FY99-01 funds are listed on the attached P-40A followed by individual justifications. Items procured during execution may change based on the most critical equipment needed to support Air Force mission requirements.

Page 1 of 1	
PAGE NO: 7-67	
P-1 ITEM NO: 75	

BUDGET ITEM JUSTIFICATION FOR AGGR	N FOR	AGGREGA	TED ITEM	(EGATED ITEMS (EXHIBIT P- 40A)	- 40A)		DATE: FE	DATE: FEBRUARY 2000	2000
APPROP CODE/BA: APAF/WAR CONSUMABLES				P-1 NOMENCLATURE: ITEMS LESS THAN \$5,000,000	ICLATURE HAN \$5,000,00	0			
	0			FY4	FY1999	FY	FY2000	FY2	FY2001
PROCUREMENTIEMS	CODE	QTY.	COST	QTY.	COST	QTY.	COST	QTY.	COST
ADVANCED AIRBORNE EXPENDABLE DECOY (AAED)	٧			2,455	\$65,564	5,132	\$103,870	1,512	\$32,264
I/L THAN \$5 MILLION	∢				\$8,999		\$8,402		\$10,751
Totals:					\$74,563		\$112,272		\$43,015
Remarks:									
<u>.</u>	P-1 ITEM NO: 75	:ON		PAGE NO: 7 - 68	.; .;			Page 1 of 1	of 1

BUDGET ITEM JUSTIF	BUDGET ITEM JUSTIFICATION (EXHIBIT P-40)	(0			DATE	DATE: FEBRUARY 2000	000
APPROP CODE/BA:			P-1 NON	P-1 NOMENCLATURE:			·
APAF/WAR CONSUMABLES	S		ADVANCE	ADVANCED AIRBORNE EXPENDABLE DECOY (AAED)	XPENDABLE DE	COY (AAED)	.40.00
	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
QUANTITY	2,455	5,132	1,512	1,464	2,533	3,233	2,046
COST (in Thousands)	\$65,564	\$103,870	\$32,264	\$32,876	\$53,978	\$69,896	\$44,235

Description:

- 1. Funding for the Advanced Airborne Expendable Decoy (AAED) in FY99 includes \$40 million provided by Congress in the FY99 Appropriation Conference Report 106-143, Emergency Supplemental Appropriations Bill, dated May 14, 1999.
- 2. Funding for the AAED in FY00 was added through the FY99 Emergency Supplemental Appropriations and transferred to the Air Force from the Overseas Contingency Operations Transfer Fund
- 3. The Advanced Airborne Expendable Decoy (AAED) is part of the ALE-50 Radio Frequency (RF) Towed Decoy System integrated onto both Major system components for the F-16 are the AAED (includes towline assembly and canister), magazine, launcher/controller and pylons. The the F-16 and B-1B aircraft. The ALE-50 significantly enhances an aircraft's countermeasure capabilities against modern RF missile threats. It major system components for the B1-B are the AAED, magazine, launcher, multi-platform launch controller and farings. AAED production provides protection by acting as a RF repeater that decoys threat systems engaging the aircraft resulting in increased missile miss distances. buys began in FY97 and the decoy saw extensive use during Operation Noble Anvil (ONA)
- survivability against RF missiles. ACC analyzed ONA results and requested the ALE-50 be placed on all combat coded block 40/50 F-16's as Command (ACC) Operational Requirements Document (ORD) dated 16 May 94 states the need for improved F-16 survivability from RF 4. Failure to procure the AAED impacts sustainment of projected wartime sortie rates, impeding mission accomplishment. Air Combat threats. The ALE-50 succinctly answers this need, as illustrated during ONA, where the ALE-50 dramatically improved weapon system

Page 1 of 2	
PAGE NO: 7 - 69	
P-1 ITEM NO: 75	

3UDGET ITEM JUSTIFICATION (EXHIBIT	SIT P-40)		DATE: FEBRUARY 2000
APPROP CODE/BA:		P-1 NOMENCLATURE:	
APAF/WAR CONSUMABLES		ADVANCED AIRBORNE EXPENDABLE DECOY (AAED)	IDABLE DECOY (AAED)
Description (cont.): soon as possible.			
5. The AAEDs currently programmed address only F-16 requirements. The AAED provides only an interim capability on the B1-B until the Integrated Defensive Electronic Countermeasures (IDECM) Fiber Optic Towed Decoy (FOTD) system enters production in FY02. No additional AAEDs will be procured to support this interim B1-B capability. Therefore, any reductions in the quantity of decoys being procured will impact both F-16 and B1-B deployability.	ss only F-16 requirements. The sures (IDECM) Fiber Optic Tort this interim B1-B capability.	he AAED provides only an inter owed Decoy (FOTD) system ent y. Therefore, any reductions in t	im capability on the B1-B until the ters production in FY02. No the quantity of decoys being procured
P-11	P-1 ITEM NO: 75	PAGE NO: 7 - 70	Page 2 of 2
	UNCLASSIFIED	SSIFIED	

WEAPON SYSTEM COST ANALYSIS (EXHIBI	LYSIS	(ЕХНІВ	IT P- 5)						Q	DATE:	FEBRUARY 2000	ARY 200	0
APPROP CODE/BA: APAF/WAR CONSUMABLES				Tr d	P-1 NOMENCLATURE: ADVANCED AIRBORNE EXPENDABLE DECOY (AAED)	ENCLA: D AIRBOF	TURE:	ENDABLE	E DECOY	(AAED)			
						FY1999			FY2000			FY2001	
WEAPON SYSTEM COST ELEMENTS	CODE	ΩT	UNIT	TOTAL COST	ату	UNIT	TOTAL COST	αтγ	UNIT	TOTAL COST	QTY	UNIT	TOTAL COST
DECOY (1) (3)	A				1,142	21,217	24,230	5,132	20,117	103,240	1,512	21,055	31,835
DECOY (2)	A				1,313	21,576	28,329			0			0
CONTAINERS (2) (4)	A				103	1,842	190	214	1,842	394	63	2,029	128
HARDWARE SCHEDULE ACCELERATION (2) (5)							11,218			0			0
ENGINEERING SUPPORT							279			0			0
NON CONUS SHIPPING							451			0			0
ENGINEERING CHANGE ORDER							867			236			301
TOTALS:							65,564			103,870			32,264
REMARKS:	<u>.</u>		1000	7	the content of the book soot soot the book the b	7	; ;	ontity, price	70074				

- Decoy unit cost in FY99 reduced due to elimination of the warranty, FY00 unit cost reduced due to quantity price break.
 These items in the FY99 Column were funded IAW FY99 Appropriations Conference Report 106-143, Emergency Supplemental Appropriations Bill, dated May 14, 1999.

- (3) Funding in FY00 was added through the FY99 Emergency Supplemental Appropriations and transferred to the Air Force from the Overseas Contingency Operations Transfer Fund.
 (4) One container required for every 24 decoys.
 (5) Cost of tooling and contractor labor needed to ramp-up production capability to 300 per month and accelerate the delivery schedule in support of Operation Noble Anvil (ONA).

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PAGE NO: 7 - 71

P-1 ITEM NO: 75

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)						
BUDGET PROCUREMENT HISTORY PLANN	T HIST	ORY PL	ANNING (EXHIBIT P- 5A)	r P- 5A)		DATE: F	FEBRUARY 2000	RY 2000	
APPROP CODE/BA: APAF/WAR CONSUMABLES				P-1 NOMENCLATURE: ADVANCED AIRBORNE EXI	P-1 NOMENCLATURE: ADVANCED AIRBORNE EXPENDABLE DECOY (AAED)	Y (AAED)		:	-
ITEM / FISCAL YEAR	QTY.	UNIT	LOCATION OF PCO	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWD. DATE		DATE SPECS FIRST AVAIL DEL. NOW	DATE REV. AVAIL
DECOY/FY 1999	1,142		21,217 AFMC/ASC	OPT/FP	E-SYSTEMS, GOLETA, CA (1)	MAR 99	66 NUL 66		
DECOY/FY 1999 (2)	1,313		21,576 AFMC/ASC	ОРТ/FР	E-SYSTEMS, GOLETA, CA (1)	JUL 99	39 MAY 00		
DECOY/FY 2000 (3)	5,132		20,117 AFMC/ASC	OPT/FP	E-SYSTEMS, GOLETA, CA (1)	DEC 99	99 AUG 00		
DECOY/FY 2001	1,512		21,055 AFMC/ASC	OPT/FP	E-SYSTEMS, GOLETA, CA (1)	DEC 00	00 FEB 02	>	
REMARKS: (1) Option to FY97 sole source contract to E-Systems, Goleta, CA. (2) Funding provided by Congress in the FY99 Appropriations Conference Report 106-143, Emergency Supplemental Appropriations Bill, dated May 14, 1999. (3) Funding added through the FY99 Emergency Supplemental Appropriations and transferred to the Air Force from the Overseas Contingency Operations Transfer Fund.	contract to ss in the l	o E-Syste FY99 App srgency S	ms, Goleta, CA. propriations Conference upplemental Approprie	e Report 106-143, E	mergency Supplemental App d to the Air Force from the O	ropriations B verseas Cont	ill, dated M ingency	14,	

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P-1 ITEM NO: 75

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PRESIDENT'S BUDGET PRODUCTION SCHEDULE (EXHIBIT P. 21)	GET	PRODI	UCTION	SCHE		E H	K	191	F	-21									۵	DATE:		EBF.	FEBRUARY 2000	3	500		
APPROP CODE/BA: APAF/WAR CONSUMABLES	: SLES							<u> </u>	-		P-1 NOMENCLATURE: ADVANCED AIRBORNE EXPENDABLE DECOY (AAED)		AM		Ë E	DAE	ĭ.E.C)EC() <u>/</u> 0	AAEI	(
						198		-		Ì	ျိ	CALENDAR 1999	AR 1	666				-			S	ENDA	CALENDAR 2000			\vdash	
TEMMANUFACTURER/	SERV.	PROC.	ACCEP.	BAL					۲	FY1999	6					L				Œ	FY2000						
PROCUREMENT YEAR		Y		OF 1 OCT.	_	NON	DEC 1	JAN F	EB M	AR AP	OCT NOV DEC JAN FEB MAR APR MAY JUN JUL AUG SEP	V JUN	10[AUG	SEP		NOV		AN F	BMA	IR AP	RIMA	OCT NOV DEC JAN FEB MAR APR MAY JUN JUL		AUG SEP	-	Late
AAED					Ц		Н	H	H	\dashv	\sqcup		_	-		_	$\overline{}$	-	_	-	\dashv	_	_	_		_	
FY 1999 (1)	AF	2692		2695			1	\dashv	7	ᆡ	\dashv	52	2	쫎	24	283	202	ᆿ	230	96 0	<u>의</u>	泛	22	<u>8</u>	22	_	5
FY 2000	AF	5132		5132			1	1	\dashv	\dashv	\dashv	_	_	\bot			+	히	+	\dashv	+	4	4		울	2	4932
FY 2001	AF	1512		1512			_	\dagger	\dashv	+	+	4	_	\downarrow			\dagger	\dagger	\dagger	+	+	+	4			1	1512
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FY 1999	z	410		410			_	+	+	+	+	\downarrow	\downarrow	_		-	<u></u>	e e	8	8) 8)	<u>ه</u>	8	S .	₽	45	†	
FY 2000	z	196		136	\rfloor			+	\dashv	\dashv	+	\dashv	4	4			1	+	+	+	+	+	4			\dagger) [2
FY 2001	z	45		45	\downarrow		_	\dagger	\dagger	\dashv	+	-	\downarrow	_			\top	\dagger	\dagger	+	+	+	_			T	45
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TOTALS		0000		0666				T	t	\vdash	\vdash	25	8	83	24	82	8	8	300	220 50	33	200	200	200	300	300	7196
וסוארט				L	L	900 7000 7000		1	1	1		CALENDAR 2001	DAR 2	Ē				┢			8	LEND/	CALENDAR 2002	۵.			
ITEM/MANUFACTURER/	SERV.	PROC.	ACCEP.	_						FY2001	l					L		1		4	FY2002	7					
PROCUREMENT YEAR		QTY.	PRIOR TO	OF 1 OCT.		NOV	OCT NOV DEC JAN	JAN	EBM	ARA	FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB	VIJON Y		AUG	SEP	OCT	NOV	DEC .	AN	EB M/	4R AP	RIMA	MAR APR MAY JUN JUL AUG SEP	JUL	AUG		Late
AAED					igspace			П	H	Н	Н	Н	Ц	Ц	Ц		П	$ \cdot $	П	H	Н	\dashv	Ц				
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FY 2000	AF	5132	200	4932	96	155	105	219	278 2	279 2	279 279	9 279	279	279	283	172	8	98	529	264 26	-	_		_		1	
FY 2001	AF	1512	0	1512			ပ				-	_	_	_				1	1	7	14 13	88	185	182	185	185	읾
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FY 1999	Z	410	410	٥	\downarrow	\int		7	+	-+	-	\dashv	-+	+				\dagger	†	+	+	+	\downarrow	_		1	1
FY 2000	z	196	0	138	_	\int		7	22	7	21 21	7	7	2	<u>e</u>	82		\top	1	\dashv	-	+	4			1	1
FY 2001	z	45	0	45	\downarrow			\dagger	+	+	+	+	\downarrow	\downarrow	┙			\dagger	+	7	22 22	22	\downarrow	_		1	
					\perp			\top	\dagger	+	+	+		\perp	\perp			\top	\dagger	╁┈	╁	╁	╀				
TOTALS		0666	2794	7196	586	-	200	300	300	300	300 200 300 300 300 300 300 300	300	300	300	300	300	300	300 300 229 271	229	11.	300 300	30	300 185	185	185	185	9/9
MANUFACTURER'S			PRODUCTION RATES	N RATES		Н								\exists				٠	ROC	URE	AENT	LEA	PROCUREMENT LEAD TIME	Ш			- 1
NAME AND LOCATION	z	MIN SUST	ST 1-8-5		MAX											۲	DMIN	ADMIN LEAD TIME	<u>}</u>	Ш	١	Ž	MANUFACT	Ę		TOTAL	ار
E-SYSTEMS, GOLETA, CA			99		300	Н									SK	R 70	PRIOR TO 1 OCT	_	AFTE	AFTER 1 OCT	ğ	\downarrow	딥			100	
						Н					_	INITIAL	ĬĀ					-				_	١				٦
						\dashv					\exists	REORDER	ZDER						l	İ	7	_	١	4	┛		۲
REMARKS: (1) Additional 240 decoys are included in FY99 deliveries due to payback from the Navy and acceleration actions in support of Operation Noble Anvil.	ys are i	included	in FY99 (deliveries	due	to p	ayba	čk fr	om t	he N	awy 8	and a	acce	lerat	on a	ıctioı	ns in	dns	oort (of Op	erat	ion	Voble	Anv	=		
													}														
		<u>.</u>	P-1 ITEM NO: 75	Ö						PA 7	PAGE NO: 7 - 73	Ö											Pag	Page 1 of	of 1		
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						J	_	5)	;	1	j														

DATE: FEBRUARY 2000		00	FY2003 FY2004 FY2005		\$25,934 \$19,981 \$20,423		1. The "Items Less than \$5 Million" line includes commodities such as launchers, tank storage/shipping containers, pylon nuclear upgrade kits, fuel tanks and fuel tank upgrade kits. These items are applicable across multiple weapon systems. These initial/replacement War Consumables requirements ensure continuation of serviceable, supportable equipment over the life of a weapon system.	2. All items have an annual procurement value of less than \$5 million and are code A. Items requested in FY01are identified on the following P-40A and are representative of items to be procured. Items procured during execution may change based on the most critical equipment needed to support Air Force mission requirements.		Page 1 of 1
	P-1 NOMENCLATURE:	ITEMS LESS THAN \$5,000,000	FY2002		\$25,706		k storage/shipping oon systems. The of a weapon systen	. Items requested n may change bas		PAGE NO: 7 - 74
	P-1 NOM	ITEMS LES	FY2001		\$10,751		s launchers, tan ss multiple wear nt over the life o	and are code A during executio		
			FY2000		\$8,402		modities such a applicable acros rtable equipme	than \$5 million Items procured		:
EXHIBIT P-40)			FY1999		\$8,999		ne includes com These items are a rviceable, suppo	ent value of less to be procured. ents.		P-1 ITEM NO: 75
TIFICATION (I	• •	BLES					an \$5 Million" li k upgrade kits. ontinuation of se	nnual procurem ntative of items nission requirem		
BUDGET ITEM JUSTIFICATION (EXHIBIT	APPROP CODE/BA:	APAF/WAR CONSUMABLES		QUANTITY	COST (in Thousands)	Description:	1. The "Items Less than \$5 Million" line includes commodities such as launchers, tank storage/shipping of fuel tanks and fuel tank upgrade kits. These items are applicable across multiple weapon systems. These requirements ensure continuation of serviceable, supportable equipment over the life of a weapon system.	2. All items have an annual procurement v P-40A and are representative of items to be to support Air Force mission requirements.		

BUDGET ITEM JUSTIFICATION FOR AGGREGATED ITEMS (EXHIBIT P- 40A-IL)	EMS (EXHIBIT P- 40/	4-IL)	DATE	DATE: FEBRUARY 2000	۲۲ 2000
APPROP CODE/BA: APAF/WAR CONSUMABLES	P-1 NOMENCLATURE: ITEMS LESS THAN \$5,000,000	TURE: 5,000,000			
					FY2001
PROCUREMENT ITEMS	NSN	QTY.	COST	QTY.	COST
LAU-128A/A LAUNCHER				135	\$2,286
600 GAL FUEL TANK SLOTTED ANGLE STORAGE/SHIPPING CONTAINERS (F-15)				547	\$681
LAU-118A(V)4/A WITH AIRCRAFT LAUNCHER INTERFACE COMPUTER				16	\$1,242
LAU-88A/A TRIPLE RAIL LAUNCHERS				629	\$2,300
SUU-59C/A PYLONS (NUCLEAR UPGRADE)				.43	\$1,335
600 GAL FUEL TANK (F-16)				5	\$951
650 GAL CRASHWORTHY FUEL TANK ASSEMBLY (MH-53)				o	\$195
370 GAL NESTED TANK RELAY KIT (F-16)				7834	\$1,371
300 GAL CENTER LINE TANK FLOAT SWITCH KIT (F-16)				487	\$390
TOTALS:					\$10,751
P-1 ITEM NO: 75	PAGE NO: 7 - 75			Pag	Page 1 of 1

FY 01 AMENDED BUDGET REQUEST

BP 19 – OTHER PRODUCTION CHARGES

FEBRUARY 2000

APPROPRIATION/BUDGET ACTIVITY ITEM NO. 77 AIRCRAFT PROCUREMENT, AF/ BA 07 AIRCRAFT SUPPORT EQ & FACILITIES FY99 FY00 COST COST AMD GET ACTIVITY FY99 FY00 AMD GET ACTIVITY AMD GET ACTIV	ON SHEET				
T, AF/ BA 07 AIRCRAFT SUPPORT EQ & FAC FY99 FY00	ON SHEET		-	DAIE	
T, AF/ BA 07 AIRCRAFT SUPPORT EQ & FAC FY99 FY00				Jan-2000	2000
T, AF/ BA 07 AIRCRAFT SUPPORT EQ & FAC FY99 FY00 240 662 370 815		P-1 NOMENCLATURE	TURE		
FY99 FY00	ACILITIES	MISC	MISCELLANEOUS PRODUCTION CHARGES	DUCTION CHAI	SGES
	FY01	FY02	FY03	FY04	FY05
•					
	398,474	377,822	319,806	334,013	358,089

These programs provide for items which (1) are not directly related to other procurement line items in this appropriation, (2) cannot be reasonably allocated and charged to other procurement line items in this appropriation, (3) can be managed as separate end items, and (4) contain certain classified programs.

P-1 Shopping List

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PAGE 7-78

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Exhibit P-40a, Budget Item Justification for Aggregated Items				Date: February 2000
Appropriation/Budget Activity				
Procurement Items	FY1999	FY2000	FY2001	
	(\$000)	(\$000)	(2000)	
C-130J	0	829	0	
C-5 Airlift Squadrons	1,363	1,337	1,370	
Classified/IntelligencePrograms	80,505	132,735	172,218	
Combat Training Range Equipment	413	16,847	18,108	
Elec Warefare Integrated Program	2,660	1,871	0	
F-22	2,866	5,949	7,455	
Flight Screening	0	0	101	
Jugement Fund Reimbursement	0	25,000	25,000	
KC-135S	1,447	1,407	1,375	
Manned Destructive Suppression	9,955	0	13,653	
NATO AWACS Program	110,296	70,465	82,038	
NAVSTAR Global Positioning System User Equipment	35,295	35,320	39,290	
	1,862	3,034	2,945	
Precision Attack Systems	0	75,991	34,921	
TOTAL	L 249,662	370,815	398,474	

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DATE: February 2000

FY 2001 PRESIDENT'S BUDGET SUBMISSION1
MISCELLANEOUS PRODUCTION CHARGES FACT SHEET
(Dollars in Thousands)

P-1900

PROJECT TITLE: C-130J Program

MODELS OF AIRCRAFT APPLICABLE: C-130J

DESCRIPTION/JUSTIFICATION: This logistics and training money was mistakenly submitted as BP19. SAF/FM has already corrected the FY01-05 figures. Will reprogram the FY00 money to BP10, once the funds are appropriated.

PROJECTED FINANCIAL PLAN:	<u>FY 99</u>	FY 00	<u>FY01</u>
BASIS FOR COST ESTIMATE:			
	0	859	0
TOTAL COST	0	859	0

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P-1900

DATE: Feb 00

FY 2001 PRESIDENT'S BUDGET SUBMISSION MISCELLANEOUS PRODUCTION CHARGES FACT SHEET (Dollars in Thousands)

PROJECT TITLE: C-5 Airborne Broadcast Intelligence (ABI)

MODELS OF AIRCRAFT APPLICABLE: C-5

aircraft from hostilities during combat operations. The ABI system addresses this deficiency and increases aircrew survivability by providing DESCRIPTION/JUSTIFICATION: The AMC Airlift and Air Refueling Mission Area Plans identified a deficiency in the ability to protect aircrews with portable, on-aircraft mission equipment to receive and display critical, real-time intelligence information. Strategic mobility implementation costs, it is envisioned that ABI will be "snapped on" to any AMC mobility fleet aircraft when this capability is needed. often fly extended missions or transit enroute stations without full intelligence information capability. Information provided prior to enables aircrews to make mission modifications to avoid enemy threats under rapidly changing combat conditions. To limit system mission departure is often outdated or incomplete upon arrival in theater. ABI provides increased threat situational awareness and These systems are intended to be interchangeable between KC-135, KC-10, C-141, C-5, and C-17 operational wings as required.

PROJECTED FINANCIAL PLAN:	FY 99	EY 00	<u>FY01</u>
BASIS FOR COST ESTIMATE:			
	1,363	1,337	1,370
TOTAL COST	1,363	1,337	1,370

DATE: Feb 00

FY 2001PRESIDENT'S BUDGET SUBMISSION MISCELLANEOUS PRODUCTION CHARGES (Dollars in Thousands)

P-1900

PROJECT TITLE: Classified/Intelligence Programs

DESCRIPTION/JUSTIFICATION: Details of the following programs are available on a need-to-know basis.

133,213 FY01 39,005 95,226 FY 00 37,509 71,526 FY 99 8,979 PROJECTED FINANCIAL PLAN: BASIS FOR COST ESTIMATE Intelligence Programs Classified Programs

172,218

132,735

80,505

TOTAL COST

DATE: Feb 00

P-1900

FY 2001 PRESIDENT'S BUDGET ESTIMATES MISCELLANEOUS PRODUCTION CHARGES FACT SHEET (Dollars in Thousands)

PROJECT TITLE: Combat Training Range Equipment

MODELS OF AIRCRAFT APPLICABLE: A-10, F-15, F-16

Congress directed a technical evaluation of JTCTS and the integrated Large Area Tracking Range/ Kadena Interim Training System (LATR/KITS) systems. an increased number of aircraft over a larger geographic area. JTCTS will be able to operate in a 'rangeless mode' without the necessity of a ground based This technical evaluation was completed and the results were reported to Congress in the 1st quarter of FY00. JTCTS was determined to be the system of infrastructure or operate in a "terrestrial mode" tethered to a ground monitoring and control system. Funding will also be used to upgrade selected legacy systems to a more state of the art functional configuration. These upgrades will allow existing assets to continue to meet ACTS operational requirements air-to-air, air-to-surface, and electronic warfare combat, while providing real-time monitoring and control of aircraft and recording events for post-mission aircrews and to conduct operational testing of weapons systems and tactics under simulated combat conditions. ACTS provide the capability to conduct choice. JTCTS will use the Global Positioning System (GPS) to improve position accuracy. JTCTS will provide the capability to simultaneously monitor DESCRIPTION /JUSTIFICATION: Air Combat Training Systems (ACTS) provide equipment for Air Force ranges to support training/evaluation of debrief and analysis. The Air Force/Navy Joint Tactical Combat Training System (JTCTS) program is being developed as the next ACTS. In FY99 until JTCTS is fielded

PROJECTED FINANCIAL PLAN

<u>FY01</u>	18,108	18,108
<u>FY 00</u>	16,847	16,847
FY 99	413	413
STIMATE:		
BASIS FOR COST ESTIMATE:	ACTS Pods	TOTAL COST

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UNCLASSIFIED

DATE: Feb 00

FY 2001 PRESIDENT'S BUDGET SUBMISSION MISCELLANEOUS PRODUCTION CHARGES FACT SHEET (Dollars in Thousands)

P-1900

PROJECT TITLE: Electronic Warfare Integrated Reprogramming (EWIR)

MODELS OF AIRCRAFT APPLICABLE: F-16, F-15, A-10, B-52, B-1B, MC-130, AC-130, MH-531, MH-60, EF-111

systems. Re-evaluation of required funds to support future EWAISF efforts deemed 3400 O&M funds more appropriate. Effective support tools for Air Combat Command, Air Force Special Operations Command, and Air Mobility Command electronic warfare DESCRIPTION/JUSTIFICATION: This program provides electronic countermeasure (ECM) support of the Electronic Warfare development, configuration management, maintenance and testing of electronic warfare system software and reprogramming Avionics Integration Support Facility (EWAISF) for the EWIR process. The EWAISF is the primary support facility in the in FY01, O&M funds will support EWAISF instead of 3010 BP 1900.

PROJECTED FINANCIAL PLAN:	FY 99	FY 00	<u>FY01</u>
BASIS FOR COST ESTIMATE:			
	5,660	1,871	0
TOTAL COST	2,660	1,871	0

DATE: Feb 00

FY 2001 PRESIDENT'S BUDGET SUBMISSION
MISCELLANEOUS PRODUCTION CHARGES FACT SHEET
(Dollars in Thousands)

P-1900

PROJECT TITLE: F-22

MODELS OF AIRCRAFT APPLICABLE: F-22

DESCRIPTION/JUSTIFICATION: This request provides resources for units necessary for electronic warfare requirements. Additional information is available on a need-to-know basis.

PROJECTED FINANCIAL PLAN:	<u>FY 99</u>	FY 00	<u>FY01</u>
BASIS FOR COST ESTIMATE:			
Assessment of Contractor Data	2,866	5,949	7,455
TOTAL COST	2,866	5,949	7,455

UNCLASSIFIED

DATE: Feb 00

FY 2001 PRESIDENT'S BUDGET SUBMISSION MISCELLANEOUS PRODUCTION CHARGES FACT SHEET

P-1900

(Dollars in Thousands)

PROJECT TITLE: Flight Screening

MODELS OF AIRCRAFT APPLICABLE: Blanik L-13-AC and L-33 Solo Gliders

DESCRIPTION/JUSTIFICATION: Near-term replacement of the TG-3/-4/-7 glider fleet is essential. Cadet airmanship programs cannot be supported with the current fleet of aircraft. Down time for repair and rebuild, coupled with fatigue failure concerns further limit the utility of existing aircraft. With annual rebuild costs exceeding 60-70% of the total value of new trainer sailplanes, the TG-3/-4/-7 fleet is no longer supportable.

PROJECTED FINANCIAL PLAN:

BASIS FOR COST ESTIMATE:	<u>FY 99</u>	<u>EY 00</u>	<u>FY01</u>
	0	0	101
TOTAL COST	0	0	101

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DATE: Feb 00

FY 2001 PRESIDENT'S BUDGET SUBMISSION MISCELLANEOUS PRODUCTION CHARGES FACT SHEET (Dollars in Thousands)

PROJECT TITLE: Judgement Fund Reimbursement

MODELS OF AIRCRAFT APPLICABLE: N/A

DESCRIPTION/JUSTIFICATION: In September 1998 a contractor's claim against the AC130U contract was settled as an Alternate Dispute Resolution. The contractor was paid the settlement in FY 1999 from the Treasury Department's judgement fund, which the Air Force is required by law to reimburse. The funds requested in FY00 and FY01 represent the first two installments of the total requirement of \$119.5M in the aircraft procurement program.

PROJECTED FINANCIAL PLAN:	FY 99	<u>FY 00</u>	FY01
BASIS FOR COST ESTIMATE:			
PROGRAM COST	0	25,000	25,000
TOTAL COST	0	25,000	25,000

DATE: Feb 00

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FY 2001 PRESIDENT'S BUDGET SUBMISSION MISCELLANEOUS PRODUCTION CHARGES FACT SHEET (Dollars in Thousands)

MODELS OF AIRCRAFT APPLICABLE: KC-135S

PROJECT TITLE: KC-135 Airborne Broadcast Intelligence (ABI)

to receive and display critical, real-time intelligence information. It provides increased threat situational awareness thus enabling aircrews DESCRIPTION/JUSTIFICATION: Airborne Broadcast Intelligence (ABI) equips the aircraft with portable, on-aircraft mission equipment to make mission modifications to avoid enemy threats under rapidly changing combat conditions.

PROJECTED FINANCIAL PLAN:	<u>FY 99</u>	<u>FY 00</u>	EY01
BASIS FOR COST ESTIMATE:			
	1,447	1,407	1,375
TOTAL COST	1,447	1,407	1,375

UNCLASSIFIED

DATE: Feb 00

FY 2001 PRESIDENT'S BUDGET SUBMISSION MISCELLANEOUS PRODUCTION CHARGES FACT SHEET

(Dollars in Thousands)

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PROJECT TITLE: Manned Destructive Suppression

MODELS OF AIRCRAFT APPLICABLE: F-16 Block 50/52

enemy radar emissions and provides precision targeting information for the F-16 Block 50/52. The F-16 HTS provides the only USAF HARM suppression capability since the retirement of the F-4G Wild Weasel in FY96. The FY99 funding procured new HTS R6 Pods and FY01 funds DESCRIPTION/JUSTIFICATION: The AN/ASQ-213 pod, a High Speed Anti-Radiation Missile (HARM) Targeting System (HTS), senses will be used to procure as many HTS R6 Pods and Pylons as possible.

<u> FY01</u>		13,653	13,653
EY 00		0	0
FY 99		556'6	556'6
PROJECTED FINANCIAL PLAN:	BASIS FOR COST ESTIMATE:		TOTAL COST

DATE: Feb 00

FY 2001 PRESIDENT'S BUDGET SUBMISSION MISCELLANEOUS PRODUCTION CHARGES FACT SHEET (Dollars in Thousands)

P-1900

PROJECT TITLE: NATO AWACS Modernization

MODELS OF AIRCRAFT APPLICABLE: E-3A

man-machine interfaces, multi-sensor integration (MSI), digital communications, satellitecommunications, and adds 5 new consoles to the aircraft. These Near and Mid-Term projects will update the NATO E-3's with capabilities to maintain fleet operational effectiveness and interoperability equipment and the Radar System Improvement Program (RSIP). The Mid-Term program upgrades the mission computers, provides improved This project provides the U.S. contribution to the NATO Airborne Early Warning and Control Near-Term and Mid-Term Modernization DESCRIPTION/JUSTIFICATION: NATO's E-3s provide air and maritime surveillance for allied forces in the NATO area of operation. Programs. The Near-Term upgrades include the anti-jam radio (Have Quick A-Nets), JTIDS TADIL J Data Link, improved COMSEC well into the 21st century.

<u>FY 99</u> FY 00		rm 110,296 70,465	327 OF 200 011
PROJECTED FINANCIAL PLAN:	BASIS FOR COST ESTIMATE:	NATO AWACS - Near/Mid Term	

DATE: Feb 00

FY 2001 PRESIDENT'S BUDGET SUBMISSION
MISCELLANEOUS PRODUCTION CHARGES FACT SHEET
(Dollars in Thousands)

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PROJECT TITLE: NAVSTAR Global Positioning System (GPS) User Equipment

MODELS OF AIRCRAFT APPLICABLE: OA/A-10, B-1B, B-2, B-52H, C-12, C-130, C/KC-135, C-17, C-141B, C-20, C-9, C-5 A/B, C-21A, EC-18B, E-3, E-4B E-9, F-117A, F-15E, F-16 C/D, KC-10, T-1, CT/T-43, UH-IN

time using passive receivers on a day/night all-weather world-wide basis. These funds provide for the procurement of user equipment and associated DESCRIPTION/JUSTIFICATION: NAVSTAR GPS is a space-based radio navigation system that provides users with precise position, velocity, and costs for the above aircraft. This program also includes production engineering, testing, and other support to all GPS modifications.

PROJECTED FINANCIAL PLAN:	FY 99	FY 00	FY01
BASIS FOR COST ESTIMATE:			
Non-recurring/Integration	35,295	35,320	39,290
TOTAL COST	35,295	35,320	39,290

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DATE: Feb 00

FY 2001 PRESIDENT'S BUDGET SUBMISSION MISCELLANEOUS PRODUCTION CHARGES FACT SHEET (Dollars in Thousands)

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PROJECT TITLE: Pollution Prevention

MODELS OF AIRCRAFT APPLICABLE: N/A

initiatives required to reduce and prevent harmful releases of hazardous and toxic materials to the air, land, and water. It includes requirements such as require and are authorized equipment, facility projects, and services that must be acquired to accomplish the DoD and Air Force pollution prevention Comprehensive Pollution Prevention Strategy, and the Air Force Pollution Prevention Strategy. This budget item identifies the pollution prevention refrigerant recovery equipment, recycling equipment, efforts to reduce solid waste generation, enhanced hazardous material management practices, goals. These goals are a direct result of the Pollution Prevention Act of 1990, Montreal Protocol, Executive Orders 12856 and 12873, the DoD DESCRIPTION/JUSTIFICATION: Installations and Government Owned, Contractor Operated (GOCO) facilities throughout the Air Force hazardous waste minimization efforts, and opportunity assessments to identify pollution prevention opportunities.

BASIS FOR COST ESTIMATE:
PROGRAM COST 1,862

DATE: Feb 00

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FY 2001 PRESIDENT'S BUDGET SUBMISSION MISCELLANEOUS PRODUCTION CHARGES FACT SHEET (Dollars in Thousands)

PROJECT TITLE: Precision Attack Systems Procurement

MODELS OF AIRCRAFT APPLICABLE: F-16C/D

DESCRIPTION/IUSTIFICATION: Funds used to procure Precision Attack Targeting pods. Funds in FY00 will procure Litening targeting pods for the Air Reserve Components. Funds in FY01 will procure Advanced Targeting Pods (ATP) for active duty USAF F-16C/D Block 50/52. The procurement schedule for ATP's is 24 per year. Current funding will allow for a total purchase of 72 pods.

PROJECTED FINANCIAL PLAN:	FY 99	<u>FY 00</u>	EY01
BASIS FOR COST ESTIMATE:			
	0	75,991	34,921
TOTAL COST	0	75,991	34,921

					·.·	DATE	
	BUDGET ITE	BUDGET ITEM JUSTIFICATION SHEET	N SHEET			Feb-2000	2000
APPROPRIATION/BUDGET ACTIVITY		78		P-1 NOMENCLATURE	TURE		
AIRCRAFT PROCUREMENT, AF/ BA 07 AIRCRAFT SUPPORT EQ & FACILITIES	07 AIRCRAFT SU	PPORT EQ & FA	CILITIES	COMMON	COMMON ELEC COUNTERMEASURES EQUIPMENT	NEASURES EQU	UIPMENT
	FY99	FY00	FY01	FY02	FY03	FY04	FY05
QUANTITY							
COST (in thousands)	11,701	11,663	4,836	5,009	5,148	5,302	5,419

These programs provide for electronic countermeasures and related support equipment which (1) is not directly related to other procurement line items in this appropriation, (2) cannot be reasonably allocated and charged to other procurement line items in this appropriation, and (3) can be managed as separate end items.

P-1 Shopping List

DATE: Feb 00

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FY 2001 PRESIDENT'S BUDGET SUBMISSION COMIMON ELECECTRONICS COUNTERMEASURES FACT SHEET (Dollars in Thousands)

PROJECT TITLE: ALQ-184/ALQ-131

ALQ-131 electronic attack pods are the primary self defense jamming systems for the A-10, F-16, and USAFE C-130 aircraft. Effective in FY00 for software upgrades, ECPs, program support, and product improvement. FY99 dollars reflect a \$5M congressional plus-up. ALQ-184 and DESCRIPTION/JUSTIFICATION: This project supports the acquisition of kits to modify ALQ-184 to a reprogrammable low-band ALQ 184 and ALQ-131 Block II pod configurations to counter terminal and airborne interceptor radar systems. The FY99 thru 01 funding provides these funds were moved from PE27442 and reside in the EWIR PE27439.

PROJECTED FINANCIAL PLAN:

FY 00 FY 01	11,663 4,836	11,663 4,836
<u>67.79</u>	11,701	11,701
BASIS FOR COST ESTIMATE:	ALQ-184/ALQ-131	TOTAL COST

UNCLASSIFIED

							DATE	
		BUDGET ITEN	BUDGET ITEM JUSTIFICATION SHEET	N SHEET			Feb-2000	2000
APPROPRIATION/BUDGET ACTIVITY	GET ACTIVITY	١.	ITEM NO. 80		P-1 NOMENCLATURE	TURE		
AIRCRAFT PROCUREMENT, AF/ BA 07 AIRCRAFT SUPPORT EQ & FACILITIES	AENT, AF/ BA	07 AIRCRAFT SU	PPORT EQ & FA	CILITIES	MANNEI	MANNED RECONNAISSANCE SYSTEMS (DARP)	NCE SYSTEMS	(DARP)
		FY99	FY00	FY01	FY02	FY03	FY04	FY05
QUANTITY								
COST								
(in thousands)		139,975	127,971	98,410	114,283	105,745	92,624	92,570

This program provides centralized funding for multi-service and Air Foce requirements fo field future airborne reconnaissance systems.

P-1 Shopping List

UNCLASSIFIED

DATE: Feb 00

FY 2001 PRESIDENT'S BUDGET ESTIMATES MICELLANEOUS PRODUCTION CHARGES FACT SHEET (Dollars in Thousands)

P-1900

(Donars in Lnousands)

PROJECT TITLE: Manned Reconnaissance System (DARP)

DESCRIPTION/JUSTIFICATION: The programs in this P-1 line are available on a need-to-know basis

FY01 FY 00 FY 99 PROJECTED FINANCIAL PLAN:

BASIS FOR COST ESTIMATE:

98,410 127,971 139,975 PROGRAM COST

TOTAL COST